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Canada Geological Survey

GEOLOGICAL SURVEY OF CANADA

GEORGE M. DAWSON, C.M.G., LL.D., F.R.S., DIRECTOR

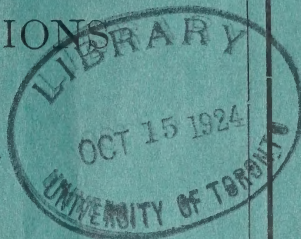


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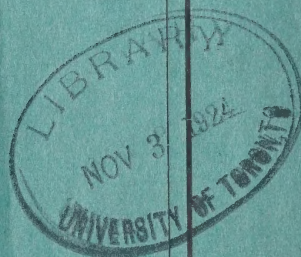
LIST OF PUBLICATIONS

OF THE

GEOLOGICAL SURVEY OF CANADA



AND  
MUSEUM AND OFFICES  
SUSSEX STREET  
OTTAWA



OTTAWA

GOVERNMENT PRINTING BUREAU

1895

568





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## An Act respecting the Department of The Geological Survey (53 Victoria, Chap. 2.)

[Assented to 16th May, 1890.]

HER Majesty, by and with the advice and consent of the Senate and House of Commons of Canada, enacts as follows:—

1. In this Act the expression “Department” means the Department of The Geological Survey hereby constituted.

2. There shall be a Department of the Civil Service which shall be called “The Geological Survey,” over which the Minister of the Interior shall preside; and the said Minister shall have the management and control of the Department.

3. The Governor in Council may appoint an officer who shall be the Deputy Head and Director of the Department and such other officers, clerks and servants as are required for the proper conduct of the business of the Department, all of whom shall hold office during pleasure, and shall be appointed and classified under Schedule A of “*The Civil Service Act*”; and in accordance with and under the terms of Section six of the said Act.

(2.) Such officers of the Department as are continuously engaged in the prosecution of original scientific work or investigation shall be classified as technical officers, under class (b) of Schedule A of “*The Civil Service Act*,” and the Governor in Council may cause to be prepared a list of such officers of the Department as are considered to be entitled to be thus classified with any designations that may be deemed expedient to indicate the scientific work in which they may be engaged.

4. No person shall, after the passing of this Act, be appointed to this Department under class (b) of Schedule A of “*The Civil Service Act*,” unless—

(a.) He is a Science Graduate of either a Canadian or foreign University or of the Mining School of London or the *Ecole des Mines* of Paris or of some other recognized science school of standing equal to that of the said universities and schools, or a graduate of the Royal Military College, and in each case only after having served a probation of not less than two years in the scientific work of the Department; or unless—

(b.) He has served a probation of not less than five years in the scientific work of the Department; or unless—

(c.) He has had experience for the same number of years in similar work, official or otherwise, elsewhere.

5. The duties, objects and purposes of the Department shall be:—

(a.) To make a full and scientific examination and survey of the geological structure, mineralogy, mines and mining resources of Canada and of its fauna and flora;

(b.) To maintain a museum of geological and natural history and



to collect, classify and arrange for exhibition in the museum of the Department such specimens as are necessary to afford a complete and exact knowledge of the geology, mineralogy and mining resources of Canada ; to collect, study and report on the fauna and flora of Canada ; to carry on chemical and palæontological investigations, and to make such other researches as will best tend to ensure the carrying into effect the objects and purposes of this Act ;

(c.) To prepare and publish such maps, plans, sections, diagrams and drawings as are necessary to illustrate and elucidate the reports of surveys and investigations ;

(d.) To collect and to publish, as soon as may be after the close of the calendar year, full statistics of the mineral production and of the mining and metallurgical industry of Canada ; to study the facts relating to water supply, both for irrigation and for domestic purposes, and to collect and preserve all available records of artesian or other wells, and of mines and mining works in Canada.

6. The Deputy Head and Director of the Department shall, as soon as may be after the close of each calendar year, make a summary report, to the Minister, of the proceedings and work of the Department for the year, and shall also furnish final and detailed reports, to be issued from time to time in such manner and form as the Minister directs ; and the Minister shall cause the same to be laid before Parliament, with such remarks, explanations and recommendations as he thinks proper.

7. The Department shall be furnished with such books, instruments and apparatus as are necessary for scientific reference and for the prosecution of the survey ; and the Governor in Council may, from time to time, cause the enlargement of the museum, and the distribution of duplicate specimens to scientific, literary and educational institutions in Canada and other countries, and also the distribution or sale of the publications, maps and other documents issued by the Department.

8. The Minister may, for the purpose of obtaining a basis for the representation of the geological features of any part of Canada, cause such measurements and observations and physiographic, exploratory and reconnaissance surveys to be made as may be necessary for or in connection with the preparation of geological maps, sketches, plans, sections or diagrams.

9. Persons employed in one section of the Department may be directed by the Minister to perform any duty in or with respect to any other section.

10. No person employed in or under the Department shall—

(a.) Purchase any Dominion or Provincial lands except under authority of the Governor in Council ;

(b.) Locate military or bounty land warrants, or land scrip, or act as agent of any other person in such behalf ;

(c.) Disclose to any person, except his superior officer, any discovery made by him or by any other officer of the Department, or any other information in his possession in relation to matters under the control of the Department or to Dominion or Provincial lands, until

such discovery or information has been reported to the Minister of the Interior, and his permission for such disclosure has been obtained ;

(*d.*) Make investigations or reports relating to the value of the property of individuals, nor hold any pecuniary interest, direct or indirect, in any mine, mineral lands, mining works or timber limits in Canada.

11. Nothing in this Act shall be construed to invalidate or interfere with the commissions, as assistant directors, heretofore issued under Orders in Council to certain members of the scientific staff.

12. This Act shall be substituted for chapter twenty-three of the Revised Statutes, respecting the Geological and Natural History Survey of Canada, which is hereby repealed.

13. The foregoing provisions of this Act shall come into force on the first day of July, one thousand eight hundred and ninety.

## An Act to amend An Act respecting the Department of the Geological Survey (55-56 Victoria, Chap. 16.)

[Assented to 10th May, 1892.]


HER Majesty, by and with the advice and consent of the Senate and House of Commons of Canada, enacts as follows :—

1. Section two of the Act fifty-third Victoria, chapter eleven, intituled *An Act respecting the Department of the Geological Survey*, is hereby repealed and the following substituted therefor :—

“2. There shall be a department of the Civil Service which shall be called ‘The Geological Survey,’ which shall be presided over by a Minister of the Crown to be named from time to time for that purpose by the Governor in Council ; and the Minister so named shall have the management and control of the department during the pleasure of the Governor in Council.”

2. Section ten of the said Act is hereby amended by striking out the words “ of the Interior ” in the twelfth line thereof.





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# THE PUBLICATIONS OF THE GEOLOGICAL SURVEY OF CANADA.

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The principal series of publications of the Geological Survey, consists of volumes issued under the name of Reports of Progress, from 1843 to 1882-84, and continued under the name of Annual Reports (New Series) from 1885. Since 1885, after the close of each calendar year, a Summary Report by the Director has also been issued separately. All the above mentioned reports, with the accompanying maps, as also the Geology of Canada (1863) and the Geological Map of Canada (1866), are enumerated chronologically in the first portion of the subjoined list.

Beginning on page 36, is a list of maps issued by the Survey, and on succeeding pages the Palæontological, Botanical and other publications are enumerated in their respective classes. With these are included also a number of separate publications from scientific journals, which are either the work of members of the staff or treat of collections or specimens in the Museum. Extra copies of these have been purchased by the Geological Survey, and they are held on sale as a matter of convenience to persons engaged in the various fields of technical or special work.

Copies of the Reports of the Geological Survey are distributed at the time of publication to members of both houses of Parliament, and to the departmental and other offices of the Dominion and Provincial Governments.

The publications are also distributed as scientific exchanges, and are sent to the more important libraries, institutions of learning, etc., in Canada and other countries. It is desired, as far as possible, to have the Reports of the Survey available for reference to the public in some permanent library in every important centre in Canada.

The remaining portion of the edition is, in each case, placed on sale, at prices generally less than the actual cost of printing. Exception to this is made only in the case of some of the publications of which the supply is approaching exhaustion.

In the present list, the prices of publications, of which a sufficient number is still on hand, have been materially reduced.

The librarian will be happy to supply information as to reports or maps covering particular districts or relating to special subjects when this can not be obtained from the list of publications.

Publications may be obtained directly from the Librarian, Geological Survey offices, Ottawa, or may be ordered through :—

W. Foster Brown & Co., Montreal, Que.

Durie & Son, Ottawa, O.

Williamson & Co., Toronto, O.

J. A. Knight & Co., Halifax, N.S.

J. A. McMillan, St. John, N.B.

T. N. Hibben & Co., Victoria, B.C.

Alex. Taylor, Winnipeg, Man.

Thomson Bros., Vancouver, B.C.

Thomson Bros., Calgary, Alta.

Edward Stanford, 26 and 27 Cockspur St., Charing Cross, London.

Sampson, Low & Co., 188 Fleet Street, London.

F. A. Brockhaus, Leipzig.

B. Westermann & Co., 838 Broadway, New York.

The Scientific Publishing Co., 27 Park Place, New York.

JOHN THORBURN, A.M., LL.D.,

*Librarian.*

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#### NOTE.

Reports, maps, etc., marked thus (\*) have been printed separately.

The prices stated in this list supersede those of all former lists.

In ordering publications, they may be designated by the running numbers employed in the list.

The number of pages always refers to the English edition, unless otherwise stated.



## REPORTS OF PROGRESS, ANNUAL REPORTS AND SUMMARY REPORTS, IN ORDER OF PUBLICATION.

1. **\*Report of Progress for 1843.** Published in English and French, Montreal, 1845. 8vo. pp. English 159, French 159. Out of print.  
Contains the following Reports :—  
LOGAN, W. E.—Remarks on the mode of making a Geological Survey of Canada.  
LOGAN, W. E.—Preliminary Report of Progress, 1842.  
LOGAN, W. E.—Report of Progress for 1843, giving general features of the Geology of Eastern and Western Canada as far as then ascertained.  
MURRAY, A.—On the Geology of the district between Georgian Bay and the lower extremity of Lake Erie.  
LOGAN, W. E.—Appendix—Section of the Coal Measures as developed at the Joggins, Nova Scotia, from the neighbourhood of West Ragged Reef to Minudie.
2. **\*Report of Progress for 1844.** Published in English and French, Montreal, 1846. 8vo. pp. English 110, French 120. Out of print.  
Contains the following Reports :—  
LOGAN, W. E.—On the Geology of the Chat and Cascapedia Rivers, Gaspé and part of the Bay of Chaleurs.  
MURRAY, A.—On the Geology of the Bonaventure River.  
LOGAN, W. E.—Appendix—Sections of Coal Measures, *etc.*, on the Bay of Chaleurs and Coast of Gaspé.
3. **\*Report of Progress for 1845-46.** Published in English and French, Montreal, 1847. 8vo. pp. English 125, French 137. Out of print.  
Contains the following Reports :—  
LOGAN, W. E.—On the Geology of the Ottawa River and some of its tributaries.  
MURRAY, A.—On the Geology of the Matane, Ste. Anne, and St. John Rivers, Gaspé.  
LOGAN, W. E.—Appendix—List of Mineral Springs on the Ottawa and its tributaries.  
HUNT, T. S.—Appendix—Analyses of Mineral Waters and Iron and Lead Ores.
4. **\*Report of Progress for 1846-47.** Published in English and French, Montreal, 1847. 8vo. pp. English 66, French 70. Out of print.  
Contains the following Reports :—  
LOGAN, W. E.—On the Geology and Economic Minerals of Lake Superior.  
MURRAY, A.—On the Geology of the Kaministiquia and Michipicoten Rivers.  
APPENDIX—Statistics of Copper-mining and Copper-smelting in Great Britain.
5. **\*Report of Progress for 1847-48.** Published in English and French, Montreal, 1849. 8vo. pp. English 165, French 171. Out of print.  
Contains the following Reports :—  
LOGAN, W. E.—On the Geology of the country on the south side of the St. Lawrence, extending from the vicinity of Montreal and Lake Champlain to the Chaudière River.  
MURRAY, A.—On the Geology of the North Shore of Lake Huron, French River and Manitoulin Island.  
HUNT, T. S.—On the examination of various Minerals, Mineral Localities and Mineral Waters, with analyses.
6. **\*Report of Progress for 1848-49.** Published in English and French, Toronto, 1850. 8vo. pp. English 65, French 70. Out of print.  
Contains the following Reports :—  
MURRAY, A.—On the Geology of the vicinity of Galt, Ontario, parts of the Coast of Lake Huron and Georgian Bay, and Spanish River.

- HUNT, T. S.—On Mineral Springs, Ores and Minerals, with analyses.
- 7. \*Report of Progress for 1849-50.** Published in English and French, Toronto, 1850. 8vo. pp. English 115, French 120. Out of print.  
Contains the following Reports :—
- LOGAN, W. E.—On the Geology of the vicinity of Bay St. Paul and Murray Bay, and of the Eastern Townships, from the Chaudière River to the Temiscouata Portage Road.
- HUNT, T. S.—On Soils, Mineral Springs, Minerals and Metallic Ores.
- APPENDIX—Catalogue of some of the Economic Minerals and Deposits of Canada, with their localities.
- 8. \*Report of Progress for 1850-51.** Published in English and French, Quebec, 1852. 8vo. pp. English 54, French 56. Out of print.  
Contains the following Reports :—
- LOGAN, W. E.—On the Gold of the Chaudière River and vicinity.
- MURRAY, A.—On the Geology of the Peninsula between Lakes Huron and Erie.
- HUNT, T. S.—On various Minerals and Mineral Waters, with analyses.
- 9. \*Report of Progress for 1851-52.** Published in English and French, Quebec, 1852. 8vo. pp. English 121, French 129. Out of print.  
Contains the following Reports :—
- LOGAN, W. E.—On the Geology of the Counties of Beauharnois and Lake of Two Mountains ; on the Chaudière Gold District and various Economic Materials and on the Collection sent to the Industrial Exhibition of 1851 (London), with a Catalogue of the Canadian Minerals shown at this Exhibition.
- MURRAY, A.—On the Geology of the Region between the Ottawa, the St. Lawrence and the Rideau.
- HUNT, T. S.—On various Minerals, Rocks, Soils and Mineral Waters, with analyses.
- 10. \*Report of Progress for 1852-53.** Published in English and French, Quebec, 1854. 8vo. pp. English 179, French 197. English edition out of print.  
French do price 50c.  
Contains the following Reports :—
- LOGAN, W. E.—On the Geology of the North Shore of the St. Lawrence, between Montreal and Cape Tourmente.
- MURRAY, A.—On the Geology of the Region between Kingston and Lake Simcoe.
- HUNT, T. S.—On Mineral Waters, various Minerals and Iron Ores, with analyses.
- NOTE.—An Index of the contents of the Reports from 1843 to 1853 (incl.), has been published.
- 11. \*Report of Progress for the years 1853-54-55-56.** Published in English and French, Toronto, 1857. 8vo. pp. English 494, French 509. Out of print.  
Contains the following Reports :—
- LOGAN, W. E.—On the Geology of the Counties of Argenteuil and Two Mountains, and on the preparation of the Geological Map of Canada. With Map No. 12.
- MURRAY, A.—Report for 1853. On the Geology and Topography of the Muskoka, Petewawa, Bonnechère and Madawaska Rivers. With Maps Nos. 30 to 38 (incl.)
- MURRAY, A.—Report for 1854. On the Geology and Topography of the Magalloway River and Lake Nipissing and its tributaries. With Maps Nos. 24, 26, 28 and 29.
- MURRAY, A.—Report for 1855. On the Geology and Topography of Lake Nipissing and French River and on the Fossiliferous Rocks of Western Ontario. With Maps Nos. 24, 25 and 26.



- MURRAY, A.—Report for 1856. On the Geology and Topography of the Sturgeon, French and Wahnapiæ Rivers. With Maps Nos. 17 to 25 (incl.)
- RICHARDSON, J.—On the Island of Anticosti, and the Mingan Islands. With Map No. 13.
- BILLINGS, E.—On Fossils from Anticosti, and on New Fossils from the Silurian Rocks of Canada.
- HUNT, T. S.—Report for 1853. On the Mineral Waters of Canada, waters of the St. Lawrence and Ottawa Rivers, Rocks and Ores, with analyses.
- HUNT, T. S.—Report for 1854. On the Triclinic Felspars of the Laurentian, Silurian Rocks and Nickel Ores, with analyses.
- HUNT, T. S.—Report for 1855. On the Metallurgy of Iron, Extraction of Salts from Sea-water, Magnesian Mortars, Plumbago and Peat.
- HUNT, T. S.—Report for 1856. On the Rocks of the Silurian and Laurentian Series and Igneous Rocks, with analyses.

*Accompanying Maps.*

12. Map showing the distribution of Crystalline Limestones of the Laurentian Series in various townships between Grenville and Rawdon. Scale 3 miles to 1 inch.  
Out of print.
13. \*Map of the Island of Anticosti. Scale 9 miles to 1 inch. Price 10c.
14. \*Index Map of the Plans (Nos. 17-27, incl.) showing the Explorations on the North Shore of Lake Huron and thence eastward to the Ottawa. Scale 10 miles to 1 inch.  
Out of print.
15. \*Index Map of the Plans (Nos. 28-38, incl.) showing the Explorations between the East Shore of Lake Huron and the Ottawa. Scale 10 miles to 1 inch.  
Out of print.
16. \*Atlas accompanying Report of Progress, 1853-54-55-56. Contains Maps Nos. 17 to 38 (incl.) Toronto, 1857. Large 4to. and folio, half bound.  
Out of print.

The Maps are on a scale of 1 mile to 1 inch, and lithographed on sheets of twenty-two by thirty-three inches. The various sheets may be had separately. They are as follows :—

- A.—Maps showing Explorations on the North Shore of Lake Huron and thence eastward to the Ottawa.
17. \*Spanish River. Price, 10c.
18. \*Spanish and White-Fish Rivers, and Lake Panache. “ “
19. \*Mouth of the White-Fish River, and Coast of Lake Huron to Pointe des Grondines. Price, 10c.
20. \*Wahnapiæ Lake and River, Maskinongé Lakes and River. “ “
21. \*Wahnapiæ River. “ “
22. \*Wahnapiæ River, and lower part of French River. “ “
23. \*Sturgeon River. “ “
24. \*Sturgeon River and western part of Lake Nipissing. “ “
25. \*French River. “ “
26. \*Eastern part of Lake Nipissing, Nahmanitigong River, and part of Mattawa River. Price, 10c.
27. \*Mattawa River and part of Ottawa River. “ “
- B.—Maps showing Explorations between the East shore of Lake Huron and the Ottawa River.
28. \*Maganetawan River to Wahwaskesh Lake. Price, 10c.
29. \*Maganetawan River, from Wahwaskesh Lake to source. “ “
30. \*Muskoka River from Lake Huron to Mary's Lake, and northern part of Muskoka Lake. Price, 10c.
31. \*Muskoka River, from Mary's Lake to Canoe Lake. “ “
32. \*Headwaters of Muskoka and Petewawa Rivers. “ “

33. \*Petewawa River, Cedar and Trout Lakes. Price, 10c.
34. \*Petewawa River. " "
- C.—Maps of Bonnechère, Madawaska and Shawashkong or York Rivers and sources of the Otonabee.
35. \*Bonnechère River, from mouth to Golden Lake and part of Clear Lake. Price, 10c.
36. \*Bonnechère River from Golden to Round Lake, Little Madawaska River, Lake Kamaniskaik, and York or Shawashkong Branch of Madawaska River. Price, 10c.
37. \*Shawashkong or York Branch of Madawaska River to Papineau Lake and headwaters of Burnt River Branch of Otonabee River. Price, 10c.
38. \*Drag Lake, Kah-shah-gah-wigamog Lake, Gull River, and Balsam Lake. Price, 10c.
39. \***Report of Progress for 1857.** Published in English and French, Toronto, 1858. 8vo. pp. English 240, French 235. Out of print.
- Contains the following Reports :—
- LOGAN, W. E.—Summary Report of the Director.
- MURRAY, A.—On the Coast at the mouths of French River, Georgian Bay ; on Echo Lake and its environs, and on the Crystalline Limestone of Bruce Mines. With Map No. 42.
- RICHARDSON, J.—On part of the Gaspé Peninsula from Magdalen River to Gaspé Bay, and on Lake St. John. With folding sheet of Sections and Maps Nos. 43, 44 and 45.
- BELL, R.—On the Fauna of portions of the Lower St. Lawrence, the Saguenay and Lake St. John.
40. \*HALL, J.—Report on Canadian Graptolites. pp. 37. Out of print.
- BILLINGS, E.—On the Black River Limestone and the Limestone of Galt. Also Silurian and Devonian Fossils.
41. \*(Pages 165 to 192 were reprinted as a separate report under the title "Silurian and Devonian Fossils of Canada," pp. 31.) Price, 50c.
- HUNT, T. S.—On Dolomites, Limestones and Fish Manures, with analyses.
- ASHE, E. D.—On the Longitude of some of the principal places in Canada, as determined by Electric Telegraph in 1857.
- Accompanying Maps.*
42. \*Map showing the distribution of the Huronian Limestone between Root River and Bruce Mines. Scale 4 miles to 1 inch. Price, 10c.
43. Map showing the distribution of the Devonian and Silurian Formations in part of Gaspé. Scale 6 miles to 1 inch.
44. Topographical Map of the Magdalen River, Gaspé. Scale 1 mile to 1 inch.
45. Map showing the distribution of the Laurentian and Lower Silurian Rocks in the vicinity of Lake St. John. Scale,  $4\frac{1}{2}$  miles to 1 inch.
46. \***Report of Progress for 1858.** Published in English and French, Montreal, 1859. 8vo. pp. English 263, French 267. Price, 75c.
- Contains the following Reports :—
- LOGAN, W. E.—On the Distribution of Laurentian Limestones, and of the Drift in the Grenville Region. Also on the Ramsay Lead Mine, Acton Copper Mine, and miscellaneous Economic Minerals. With Map No. 47.
- MURRAY, A.—On the country between the Thessalon River and Lake Huron, and between the Thessalon and the Mississagui. With folding Section and Map No. 48.
- RICHARDSON, J.—On a portion of the Gaspé Peninsula, including an examination of the Coast from Marsouin River to Rivière du Loup. With Map No. 49.
- HUNT, T. S.—On Intrusive Rocks and Minerals from Silurian Rocks, with analyses, and Contributions to the history of Magnesian Limestones.



The Report also contains the following appendices :—

Appendix I. Levels of the River Rouge and its tributaries.

- “ II. Localities of Copper Ores in the Lower Silurian Rocks of Lower Canada.
- “ III. Localities of Copper Ores in the Huronian Rocks, Mississagui River.
- “ IV. Catalogue of Animals and Plants collected and observed by W. S. M. D'Urban in the Counties of Argenteuil and Ottawa.
- “ V. Catalogue of Animals and Plants collected and observed by R. Bell on the South-east side of the St. Lawrence, from Quebec to Gaspé, and in the Counties of Rimouski, Gaspé and Bonaventure.

*Accompanying Maps.*

47. Map showing the distribution of Crystalline Limestones of the Laurentian Series in the Counties of Argenteuil and Ottawa. Scale, 3 miles to 1 inch.
48. Map showing the distribution of the Huronian Rocks between Rivers St. Mary and Mississagui. Scale, 3 miles to 1 inch.
49. Map showing the distribution of the Devonian and Silurian Formations in part of Gaspé. Scale, 6 miles to 1 inch.

NOTE.—Up to 1860 the Geological Reports were also printed as Appendices to the Journals of the Legislative Assembly, in English and French. The Appendices in which they are to be found are as follows :—

Session 1844-45.	Appendix W.	Report of Progress, 1843.
“ 1846	“ G.G.G.	“ “ 1844.
“ 1847	“ C.	“ “ 1845-46 and 1846-47.
“ 1849	“ G.	“ “ 1847-48.
“ 1850	“ V.	“ “ 1848-49 and 1849-50.
“ 1852-53	“ O.	“ “ 1850-51 and 1851-52.
“ 1854-55	“ L.	“ “ 1852-53.
“ 1857	“ 52	“ “ 1853-54-55-56.
“ 1858	“ 32	“ “ 1857.
“ 1860	“ 24	“ “ 1858.

50. **\*Geology of Canada, 1863; Report of the Geological Survey from its commencement to 1863.** Illustrated by 498 wood cuts in the text. Published in English and French, Montreal, 1863. Large 8vo. cloth and paper, pp. English 983, French 1043. This volume includes the more important facts published in the preceding Reports. Out of print.

51. \*NOTE.—pp. 1 to 464 were published under the title “Geology of Canada, 1862” with a preface by Sir W. E. Logan, dated Montreal, March 20, 1862.

52. **\*An Atlas of Maps and Sections to accompany the Geology of Canada, 1863.** Montreal, 1865. Large 8vo. cloth and paper, pp. 42. The introduction gives the sources of topographical information, a catalogue of the maps and charts made use of and the sources of geological information for the General Map of Canada; also an Appendix containing a short notice of the earlier Reports and other publications, and a table of magnetic declinations.

Price, \$2.50.

This Atlas contains the following Maps and Sections :—

53. \*Geological Map of Canada, including part of the United States. Scale 125 miles to 1 inch. Price, 10c.
54. \*Map showing the distribution of the Laurentian Rocks in parts of the Counties of Ottawa, Terrebonne, Argenteuil and Two Mountains and portions of the adjacent Silurian Formations. Scale 7 miles to 1 inch.

Price, 10c.

- 55.** \*Map showing the distribution of the Huronian Rocks between Rivers Batchewannung and Mississagui. Scale 8 miles to 1 inch. Price, 10c.
- 56.** \*Map showing the distribution of Rocks belonging to the Potsdam, Quebec and Trenton Groups, on the East side of Lake Champlain in the neighbourhood of the line between Canada East and Vermont. Scale 2 miles to 1 inch. Price, 10c.
- Five uncoloured Sections accompanying Map No. 56.
- 57.** Map showing the distribution of Limestone Conglomerates in the Quebec Group at Point Lévis. Scale 3 inches to 1 mile.  
Section on the north-east line of the Fief Ste. Anne, Point Lévis. Scale 3 inches to 1 mile.
- 58.** \*Map showing the distribution of various Superficial Deposits between Lake Superior and Gaspé. Scale 125 miles to 1 inch. Price, 10c.  
Sections illustrating the Geology of Canada.
- 59.** \*Plate I—Section No. 1—Echo River, Canada West, to Saginaw Bay, Michigan, U.S. Scale 5 miles to 1 inch. Section No. 1a—Little White River to Mouth of Blind River, Canada West. Scale 5 miles to 1 inch. Price, 10c.
- 60.** \*Plate II—Section No. 2—Somerville, Canada West, to Nittany Valley, Pennsylvania, U.S. Scale 5 miles to 1 inch.  
Section 3—Eardley, Canada East, to Oswego Co., New York, U.S. Scale 5 miles to 1 inch. Price, 10c.
- 61.** \*Plate III—Section No. 4—Buckingham, Canada East, to East Pierrepont, New York. Scale 5 miles to 1 inch.  
Section No. 5—Chatham, Canada East, to Chateauguay Four Corners, New York, U.S. Scale 5 miles to 1 inch.  
Section No. 6—Petite Nation to St. Armand, Canada East. Scale 5 miles to 1 inch.  
Section No. 7—Mille Isles to Shefford Mountain, Canada East. Scale 5 miles to 1 inch. Price, 10c.
- 62.** \*Plate IV—Section No. 8—Shawenegan to Tingwick, Canada East. Scale 5 miles to 1 inch.  
Section No. 9—Bourg Louis to St. Etienne, Canada East. Scale 5 miles to 1 inch.  
Section No. 10—Ste. Anne des Monts to Mouth of Great Cascapedia River, Canada East. Scale 5 miles to 1 inch.  
Section No. 11—Mingan Islands to Cape d'Espoir, Baie des Chaleurs, Canada East. Scale 5 miles to 1 inch. Price, 10c.
- 63.** \*Report of Progress, 1863-66. Published in English and French, Ottawa, 1866. Large 8vo. pp. English 321, French 332. Price, 50c.  
Contains the following Reports :—  
LOGAN, W. E.—Summary Report of the Director.  
RICHARDSON, J.—On the Geology of the Quebec Group in the Eastern Townships.
- 64.** \*LOGAN, W. E., MICHEL, A. and HUNT, T. S.—On the Gold Regions of Canada, pp. 38. Out of print.  
MACFARLANE, T.—On the Geology and Economic Minerals of a portion of the County of Hastings.  
MACFARLANE, T.—On the Laurentian, Huronian and Upper Copper-bearing Rocks of Lake Superior.  
Appendix—The Rocks and Cupriferous Beds of Portage Lake, Michigan.  
BELL, R.—On the Geology of Grand Manitoulin Island.  
HUNT, T. S.—On the Geology and Mineralogy of the Laurentian Limestones; Geology of Petroleum and Salt; the Porosity of Rocks; and on Peat and its applications.  
APPENDIX—List of localities in which Ores of Copper have been met with in Rocks of the Quebec Group in Eastern Canada.



- 65. \*Geological Map of Canada and the Adjacent Regions.** including parts of the other British Provinces, and of the United States. By Sir W. E. Logan, F.R.S., *etc.* Published 1866. (Hand coloured.) Scale 25 miles to 1 inch. (8 sheets.)  
Price, in sheets. ....\$18.00  
The Geology of Canada (Quebec and Ontario) is derived from the results of the Canadian Geological Survey; that of the other Provinces from the labours of Dr. J. W. Dawson, Profs. Robb, Jukes and others; while that of the United States is compiled under the authority of Professor James Hall, from various sources mentioned in the Atlas accompanying the "Geology of Canada."
- 66. \*Summary Report of Progress in Geological Investigations.** Ottawa, 1869. Large 8vo. pp. 9. Price, 10c.
- 67. \*Summary Report of Geological Investigations.** Published in English and French, Ottawa, 1870. Large 8vo. pp. 14. Price, 10c.
- 68. \*Report of Progress from 1866 to 1869.** Published in English and French, Montreal, 1870. Large 8vo. pp. English 475, French 530.  
English edition out of print.  
French " Price, \$1.00.
- Contains the following Reports :—  
LOGAN, W. E.—On part of the Pictou Coal Field. With Map No. 82.  
HARTLEY, E.—On part of the Pictou Coal Field. With Map No. 82.
- 69. \*NOTE.**—The two above Reports and No. 75 were published under the title "Reports on a part of the Pictou Coal Field, with an Appendix on Coals and Iron Ores, and a Geological Map," (No. 82.) Montreal, 1870. Large 8vo. pp. 186. Price, 50c.  
BELL, R.—On the Geology of the Manitoulin Island Group. (*Vide* No. 77.)  
RICHARDSON, J.—On the Region South of the St. Lawrence, between the Chaudière River and the Temiscouata Road. With Map No. 80.
- 70. \*VENNOR, H. G.**—On the Geology of portions of Hastings, Peterborough, Addington and Frontenac Counties, Ontario. With Map No. 79, pp. 31. Price, 50c.  
ROBB, C.—On the Geology of a part of New Brunswick. With Map No. 81.
- 71. \*HUNT, T. S.**—On the Goderich Salt Region, pp. 36. Out of print.
- 72. \*HUNT, T. S.**—Notes on Iron and Iron Ores, pp. 94. Out of print.
- 73. \*RICHARDSON, J.**—On a Geological Exploration on the North Shore of the Lower St. Lawrence, pp. 7. Price, 50c.
- 74. \*BELL, R.**—On the Geology of the North-west Coast of Lake Superior and of the Nipigon District. With Map. No. 78, pp. 57. Price, 50c.  
NOTE.—The separate report contains the Postscript by Sir W. E. Logan. *Vide seq.*
- 75. \*HARTLEY, E.**—On the Coals and Iron Ores of Pictou County, Nova Scotia; being an Appendix to Publication No. 69, pp. 78. (*Vide* No. 69.) Price, 25c.
- 76. \*HARTLEY, E.**—Notes on Coal from Springhill, Cumberland County, Nova Scotia, pp. 11. Price, 25c.
- 77. \*BELL, J., M.D.**—Appendix—List of Plants of the Manitoulin Islands, Lake Huron, pp. 23. Out of print.  
LOGAN, W. E.—Postscript—Notes on the Report of R. Bell on the Nipigon Region.
- Accompanying Maps.*
- 78. \*Topographical Sketch Map** showing the Thunder Bay and Lake Nipigon Regions (3 sheets.) Report No. 74. Scale 4 miles to 1 inch. Price, 20c.
- 79. \*Map** showing the distribution of the Rock Formations in parts of the Counties of Peterborough, Hastings, Addington and Frontenac, Ontario. Report No. 70. Scale 4 miles to 1 inch. Price, 10c.

- 80.** \*Map showing the distribution of Lower Silurian Rocks between the Chaudière and Trois Pistoles Rivers, South of the River St. Lawrence. Scale 8 miles to 1 inch. Price, 10c.
- 81.** \*Sketch Map of the Counties of York, Carleton and part of Victoria, New Brunswick. Scale 8 miles to 1 inch. Price, 10c.
- 82.** \*Geological Map of the Pictou Coal Field, Nova Scotia. Report No. 69. Scale 1 mile to 1 inch. Price, 10c.
- 83.** \***Report of Progress for 1870-71.** Published in English and French, Ottawa, 1872. Large 8vo. pp. English 351, French 358. Price, \$1.25.  
Contains the following Reports :—  
SELWYN, A. R. C.—Summary Report of the Director.  
BAILEY, L. W. AND MATTHEW, G. F.—On the Geology of Southern New Brunswick.  
ROBB, C.—Supplementary Report on the Geology of North-western New Brunswick.  
SELWYN, A. R. C.—Notes and Observations on the Gold Fields of Quebec and Nova Scotia.  
RICHARDSON, J.—On the Geology of the Country North of Lake St. John.  
VENNOR, H. G.—Abstract of a Report on the Geology of parts of the Counties of Frontenac, Leeds and Lanark, Ontario.  
BROOME, G.—On the Phosphate of Lime and Mica found in North and South Burgess, and North Elmsley, Ontario.  
BELL, R.—On the Country North of Lake Superior, between the Nipigon and Michipicoten Rivers.
- 84.** \***Report of Progress for 1871-72.** Published in English, Montreal, 1872. Large 8vo. pp. 154. Price, \$1.00.  
NOTE.—Published in French in Sessional Documents of the House of Commons for 1872. Vol. V., No. 7, Report No. 31, Ottawa, 1873, pp. 156.  
Contains the following Reports :—  
SELWYN, A. R. C.—Summary Report of the Director.  
SELWYN, A. R. C.—Journal and Report of Preliminary Explorations in British Columbia.  
RICHARDSON, J.—On the Coal Fields of the East Coast of Vancouver Island. With Appendices and Map No. 87.  
DAWSON, J. W.—Appendix—Note on the Fossil Plants referred to in Mr. Richardson's Report.  
HUNT, T. S.—Appendix—Analyses of Coals and Crystalline Rocks from Vancouver Island.  
BELL, R.—On the Country between Lake Superior and the Albany River.  
MCQUAT, W.—Preliminary Report of Explorations and Surveys of the Country between Lake St. John and Lake Mistassini.
- 85.** \*VENNOR, H. G.—Progress Report of Explorations and Surveys in the Counties of Leeds, Frontenac and Lanark, Ontario ; with notes on the Gold of Marmora. With Appendix and Map No. 88, pp. 24. Out of print.  
HARRINGTON, B. J.—Appendix—Assays of Gold Ore from the Townships of Marmora and Levant.  
BAILEY, L. W.—Report of Progress of Geological Investigations in New Brunswick.
- 86.** \*ROBB, C.—Records of Mines and Mineral Statistics, pp. 9. Price, 10c.  
*Accompanying Maps.*
- 87.** Map showing the position of the Coal Fields of Nanaimo and Comox, Vancouver Island. Scale 10 miles to 1 inch.
- 88.** Map of the Township of Marmora showing the position of the Gold Mines. Scale 1 mile to 1 inch.



- 89. \*Report of Progress, 1872-73.** Published in English and French, Montreal, 1873. Large 8vo. pp. English 300, French 364. Price, \$1.00.  
Contains the following Reports :--
- SELWYN, A. R. C.—Summary Report of the Director.
- SELWYN, A. R. C.—Notes of a Geological Reconnaissance from Lake Superior, by the English and Winnipeg Rivers, to Fort Garry.
- SELWYN, A. R. C.—On the Acadia Iron Ore Deposits of Londonderry, Colchester County, Nova Scotia. With Appendix, Section No. 92 and Map No. 93.
- HARRINGTON, B. J.—Appendix—Notes on Samples of Iron from the Acadia Mines, Nova Scotia.
- RICHARDSON, J.—On the Coal Fields of Vancouver and Queen Charlotte Islands. With Appendices I to IV and Map No. 90.
- DAWSON, J. W.—Appendix I.—Note on the Fossil Plants from British Columbia, collected by J. Richardson, in 1872.
- BILLINGS, E.—Appendix II—On the Mesozoic Fossils from British Columbia, collected by J. Richardson in 1872.
- HARRINGTON, B. J.—Appendix III—The Coals of the West Coast, with Analyses.
- Appendix IV—Copy of Correspondence relating to the Anthracite of the Queen Charlotte Islands.
- BELL, R.—On the Country between Lake Superior and Lake Winnipeg.
- McOUAT, W.—On the Country between Lakes Temiscaming and Abbitibbi.
- VENNOR, H. G.—On Explorations and Surveys in the Counties of Addington, Frontenac, Leeds and Lanark. With Map No. 91.
- BAILEY, L. W. AND MATTHEW, G. F.—On the Carboniferous System of New Brunswick, in the Counties of Queens, Sunbury, and a portion of York. With Appendix.
- GESNER, A.—Appendix—Return of borings of the Salmon River Coal Mines. From 3rd Report to the Legislature of New Brunswick.
- ELLS, R. W.—On Operations in boring for Coal with the diamond drill, at New-castle Bridge, Queens County, New Brunswick.
- ROBB, C.—On the Coal Mines of the Eastern or Sydney Coal Field of Cape Breton, Nova Scotia. With Appendix.
- RUTHERFORD, J.—Appendix—Remarks respecting the general management and regulation of the Coal Mines of Nova Scotia. (Extract from Report of Inspector of Mines of Nova Scotia for 1866).
- HARRINGTON, B. J.—Notes on Samples of Brick Clay from Fort Garry, analyses of Serpentine from Abbitibbi, and of a Green Mineral from Harvey, New Brunswick.

*Accompanying Maps.*

- 90.** \*Map of a part of the Strait of Georgia and of Vancouver Island, showing a portion of the Comox Coal Field and the distribution of the Cretaceous Coal-bearing Rocks. Scale 2 miles to 1 inch. Out of print.
- 91.** \*Plan of the Dalhousie Iron Mine, Lanark County, Ontario. Scale 1,000 feet to 1 inch. Out of print.
- 92.** \*Profile on line of Ore of Acadia Iron Mines. Scale 10 chains to 1 inch. Price, 10c.
- 93.** \*Plan of the Acadia Iron Mines, Western Section. Scale 400 yards to 1 inch. Price, 10c.
- 94. \*Report of Progress, 1873-74.** Published in English and French. Montreal, 1874. Large 8vo. pp. English 263, French 326. Price, \$1.00.  
Contains the following Reports :--
- SELWYN, A. R. C.—Summary Report of the Director. With Appendices I and II.

- SELWYN, A. R. C.—Appendix I—Correspondence *re* proposed operations during ensuing summer.
- WAUD, W. B.—Appendix II—Report of operations in Manitoba with the diamond drill.
- SELWYN, A. R. C.—Observations in the North-west Territory, on a Journey across the Plains, from Fort Garry to Rocky Mountain House, returning by the Saskatchewan River and Lake Winnipeg. With Appendix. *Vide* Map No. 98.
- HARRINGTON, B. J.—Appendix—Memorandum on Western Coals and Iron Ores.
- BELL, R.—On the Country between Red River and the South Saskatchewan, with Notes on the Geology of the Region between Lake Superior and Red River. With Appendix.
- HOFFMANN, G. C.—Appendix—Analyses of Lignites collected by R. Bell in 1873.
95. \*RICHARDSON, J.—On Geological Explorations in British Columbia, pp. 13.  
Price, 10c.
- VENNOR, H. G.—On Explorations and Surveys in Frontenac, Leeds and Lanark Counties, with Notes on the Plumbago of Buckingham, and Apatite of Templeton and Portland Townships, Ottawa County. With Map No. 99.
- BARLOW, S.—On the Exploration and Survey of the Springhill Coal Field, Cumberland County, Nova Scotia. With Map No. 100.
- McOUAT, W.—On a portion of the Coal Field of Cumberland County, Nova Scotia.
- ROBB, C.—On Explorations and Surveys in Cape Breton, Nova Scotia. With Appendix.
- HOFFMANN, G. C.—Appendix—Notes on specimens of Coal from the Inverness Coal Field, Cape Breton.
96. \*HARRINGTON, B. J.—Notes on the Iron Ores of Canada and their Development, pp. 70.  
Price, 25c.
97. \*WHITEAVES, J. F.—Notes on the Cretaceous Fossils collected by J. Richardson at Vancouver and the adjacent Islands, pp. 13. Out of print.
- Accompanying Maps.*
98. \*Sketch Survey of the Saskatchewan River from Rocky Mountain House to Cumberland Lake. Scale 16 miles to 1 inch. Price, 10c.  
NOTE.—As this Map was not ready when the Report was printed, it is not bound with it, but is supplied separately.
99. \*Plan of North Burgess, showing position of Apatite Openings. Scale 40 chains to 1 inch. Out of print.
100. \*Index Map showing the position of the Springhill Coal Field. Scale 8 miles to 1 inch. Price, 10c.
101. \*Report of Progress for 1874-75. Published in English and French, Montreal, 1876. Large 8vo. pp. English 319, French 342. Price, 75c.  
Contains the following Reports :—
- SELWYN, A. R. C.—Summary Report of the Director.
- BELL, R.—On the Country West of Lakes Manitoba and Winnipegosis, with Notes on the Geology of Lake Winnipeg.
- SPENCER, J. W.—On the Country between the Upper Assiniboine River and Lakes Winnipegosis and Manitoba.
- RICHARDSON, J.—On Explorations in British Columbia.
- BAILEY, L. W. AND MATTHEW, G. F.—Summary Report of Geological Observations in New Brunswick.
- ELLS, R. W.—Second Report on the Boring Operations with the diamond drill at Newcastle Bridge, Queens County, New Brunswick, with Records of Borings Nos. 2 and 3.



- ELLS, R. W.—On the Iron Ore Deposits of Carleton County, New Brunswick. With Map No. 104.
- VENNOR, H. G.—Explorations and Surveys in the rear portions of Frontenac and Lanark Counties, with Notes on some of the Economic Minerals of Ontario. With Map No. 103.
- ROBB, C.—Explorations and Surveys in Cape Breton, Nova Scotia. With Maps Nos. 105 and 106 and Plate of Sections No. 107.
- SMITH, J. L.—Observations on the History and Statistics of the Trade and Manufacture of Canadian Salt.
- HARRINGTON, B. J.—Notes on a few Canadian Minerals and Rocks.
- 102.** \*HOFFMANN, G. C.—Chemical Contributions to the Geology of Canada, pp. 7. Out of print.
- Accompanying Maps.*
- 103.** \*Map of Lanark County and parts of Renfrew and Leeds, Ontario. Scale 4 miles to 1 inch. Price, 10c.
- 104.** \*Map showing the distribution of the Iron Ores of Carleton County, New Brunswick. Scale 2 miles to 1 inch. Price, 10c.
- 105.** \*Map of the Cape Dauphin District, Cape Breton, Nova Scotia. Scale 20 chains to 1 inch. Price, 10c.
- 106.** \*Map of the Eastern part of the Sydney Coal Field, Cape Breton County, Cape Breton, Nova Scotia. Scale 1 mile to 1 inch. Price, 10c.
- 107.** \*Plate of Sections of the Measures in the Sydney Coal Field, Cape Breton, Nova Scotia. Scale 400 feet to 1 inch. Price, 10c.
- 108.** \*Report of Progress for 1875-76. Published in English and French, Montreal, 1877. Large 8vo. pp. English 432, French 478. Price, \$1.50.
- Contains the following Reports :—
- SELWYN, A. R. C.—Summary Report of the Director.
- HARRINGTON, B. J.—Biographical Sketch of Sir William Edmond Logan.
- SELWYN, A. R. C.—Report on Explorations in British Columbia. With Appendices I to III and Map No. 111.
- MACOUN, J.—Appendix I—Geological and Topographical Notes on the Lower Peace and Athabasca Rivers.
- WHITEAVES, J. F.—Appendix II—Notes on Fossils collected during the Expedition.
- LE CONTE, J. L.—Appendix III—List of Coleoptera collected during the Expedition.
- MACOUN, J.—On the Botany of the Country traversed, from Vancouver Island to Carlton on the Saskatchewan. With Appendix and Map No. 112.
- Appendix—Catalogue of Plants collected in 1872 and 1875.
- DAWSON, G. M.—Report on Explorations in British Columbia. With Appendix.
- 109.** \*SCUDDER, S. H.—Appendix—On the Insects of the Tertiary Beds at Quesnel, British Columbia, pp. 15. Out of print.
- ELLS, R. W.—On the Boring Operations in the North-west Territory in the summer of 1875.
- SELWYN, A. R. C.—Boring made on Swan River near Fort Pelly in 1875.
- BELL, R.—Report on an Exploration between James Bay and Lakes Superior and Huron. See Map No. 159, p. 25.
- BARLOW, S.—Report of Progress in the Exploration and Survey of the Coal-field of Cumberland County, Nova Scotia.
- BAILEY, L. W. AND MATTHEW, G. F.—Report of Geological Observations in Southern New Brunswick.
- FLETCHER, H.—Report of Explorations and Surveys in Cape Breton, Nova Scotia. With Map No. 113.

- 110.** \*HOFFMANN, G. C.—Chemical Contributions to the Geology of Canada, pp. 14.  
Out of print.  
*Accompanying Maps.*
- 111.** \*Sketch Survey of Route from Quesnel Mouth by Stewart and McLeod Lakes to the Junction of Smoky River and Peace River. (2 sheets.) Scale 6 miles to 1 inch. Out of print.
- 112.** \*Sketch Map of Route from the Forks of Peace and Smoky Rivers to Carlton House, Saskatchewan River. Scale 40 miles to 1 inch. Price, 10c.
- 113.** \*Map of the Western part of the Sydney Coal Field, parts of Cape Breton and Victoria Counties, Cape Breton, Nova Scotia. Scale 1 mile to 1 inch. Out of print.
- 114.** \***Report of Progress for 1876-77.** Published in English and French, Montreal, 1878. Large 8vo. pp. English 531, French 601. Price, \$1.00.  
Contains the following Reports :—  
SELWYN, A. R. C.—Summary Report of the Director.  
DAWSON, G. M.—Report on Explorations in British Columbia, chiefly in the Basins of the Blackwater, Salmon and Nechacco Rivers, and on François Lake. With Map No. 120.  
DAWSON, G. M.—Report of a Reconnaissance of Leech River and Vicinity.
- 115.** \*DAWSON, G. M.—General Note on the Mines and Minerals of Economic value of British Columbia, with a List of Localities. (Reprinted with additions and alterations, from the Canadian Pacific Railway Report, 1877.) pp. 47. Price, 10c.
- 116.** \*WHITEAVES, J. F.—Appendix—Notes on some Jurassic Fossils collected by G. M. Dawson in the Coast Range of British Columbia, pp. 10. Out of print.  
RICHARDSON, J.—Report on the Coal Fields of Nanaimo, Comox, Cowichin, Burrard Inlet and Sooke, British Columbia. With Map No. 121.  
BELL, R.—Report on Geological Researches North of Lake Huron and East of Lake Superior. See Map No. 159, p. 25.
- 117.** \*HUNT, T. S.—The Goderich Salt Region and Mr. H. Attrill's Exploration. With Section. (Reprinted from the Transactions of the American Institute of Mining Engineers, Vol. V.) pp. 23. Out of print.  
VENNOR, H. G.—Progress Report of Explorations and Surveys made during the years 1875 and 1876 in the Counties of Renfrew, Pontiac and Ottawa, together with additional Notes on the Iron Ores, Apatite and Plumbago Deposits of Ottawa County. With Map No. 122.  
MATTHEW, G. F.—Report on the Slate Formations of the Northern part of Charlotte County, New Brunswick, with a summary of Geological Observations in the South-eastern part of the same county.  
BAILEY, L. W. AND ELLS, R. W.—Report on the Lower Carboniferous Belt of Albert and Westmoreland Counties, N.B., including the "Albert Shales." With Appendices I and II and Map No. 123.  
Appendix I.—Composition of Albertite, as compared with Coal and Asphalt.  
Appendix II.—Report on the property of the Beliveau Albertite and Oil Company.  
FLETCHER, H.—Report on the Geology of parts of the Counties of Victoria, Cape Breton and Richmond, Nova Scotia. With Map No. 124.
- 118.** \*SCUDDER, S. H.—Additions to the Insect Fauna of the Tertiary Beds at Quesnel, British Columbia, pp. 8. Out of print.  
HARRINGTON, B. J.—Notes on Miscellaneous Rocks and Minerals.
- 119.** \*HOFFMANN, G. C.—Chemical Contributions to the Geology of Canada. On Canadian Graphite, pp. 24. Out of print.



*Accompanying Maps.*

- 120.** \*Map of a portion of British Columbia between the Fraser River and the Coast Range. Scale 8 miles to 1 inch. Price, 10c.
- 121.** \*Map of a portion of British Columbia, showing the Coal Fields of Comox, Nanaimo and Cowitchin on Vancouver and adjacent Islands, and the distribution of the Cretaceous Coal-bearing Rocks; also the Tertiary Rocks of Sooke and Burrard Inlets. Scale 4 miles to 1 inch. Price, 10c.
- 122.** \*Map showing the distribution of the Phosphate of Lime Rocks and the position of the most important Mines in Ottawa County, Quebec. Scale 4 miles to 1 inch. Price, 10c.
- 123.** \*Map of the Lower Carboniferous Rocks of Albert and Westmoreland Counties, New Brunswick, showing the distribution of the Albert Shales. Scale 1 mile to 1 inch. Price, 10c.
- 124.** \*Louisbourg Sheet—part of Cape Breton County, Cape Breton. Scale 1 mile to 1 inch. Price, 10c.
- 125.** \***Report of Progress, 1877-78.** Published in English and French, Montreal, 1879. Large 8vo. pp. English 476, French 576. Price, \$1.00.  
Contains the following Reports :—
- SELWYN, A. R. C.—Summary Report of the Director.
- (A) SELWYN, A. R. C.—Report of Observations on the Stratigraphy of the Quebec Group and the older Crystalline Rocks of Canada.
- (B) DAWSON, G. M.—Preliminary Report on the Physical and Geological Features of the Southern portion of the Interior of British Columbia. With Appendices A and B, and Map No. 127.
- SCUDDER, S. H.—Appendix A—The Fossil Insects collected by G. M. Dawson, in 1877, in the Interior of British Columbia.
- DAWSON, J. W.—Appendix B—List of Tertiary Plants from localities in the Southern part of British Columbia, with the description of a new species of *Equisetum*.
- (C) BELL, R.—Report on an Exploration of the East Coast of Hudson Bay. With Map No. 128.
- (CC) BELL, R.—Report on the Country between Lake Winnipeg and Hudson Bay. With Maps Nos. 129 and 130.
- (D) ELLS, R. W.—Report on the Pre-Silurian Rocks of Albert, Eastern Kings and St. John Counties, Southern New Brunswick. See Maps No. 144 and 145, p. 23.
- (DD) BAILEY, L. W.—Report on the Pre-Silurian (Huronian) and Cambrian or Primordial Silurian Rocks of Southern New Brunswick. See Map No. 144, p. 23.
- (E) MATTHEW, G. F.—Report on the Upper Silurian and Kingston (Huronian) of Southern New Brunswick. See Map No. 144, p. 23.
- (EE) MATTHEW, G. F.—Report on the Superficial Geology of Southern New Brunswick.
- (F) FLETCHER, H.—Report of Explorations and Surveys in Cape Breton, Nova Scotia. With Map No. 131.
- (G) HARRINGTON, B. J.—Report on the Minerals of some of the Apatite-bearing Veins of Ottawa County, Quebec, with Notes on Miscellaneous Rocks and Minerals.
- 126.**\*(H)HOFFMANN, G. C.—Chemical Contributions to the Geology of Canada. On Canadian Apatite, pp. 14. Out of print.

*Accompanying Maps.*

- 127.** \*Map of a portion of the Southern Interior of British Columbia. Part B. Scale 8 miles to 1 inch. Price, 10c.
- 128.** \*Map of part of the East Coast of Hudson Bay. Part C. Scale 4 miles to 1 inch. Price, 10c.
- 129.** \*Map of Lake Winnipeg, Part CC. Scale 8 miles to 1 inch. Price, 10c.
- 130.** \*Map of Nelson River and the Boat Route between Lake Winnipeg and Hudson Bay. Part CC. Scale 8 miles to 1 inch. Also includes a Plan of the Mouth of Hayes River and vicinity of York Factory. Scale 1 mile to 1 inch. Price, 10c.

- 131.** \*Grand Narrows Sheet—parts of Richmond, Cape Breton and Victoria Counties, Cape Breton. Part F. Scale 1 mile to 1 inch. Price, 10c.  
NOTE.—The above maps are in portfolios accompanying Report.
- 132.** \*Report of Progress for 1878-79. Published in English and French, Montreal, 1880. Large 8vo. pp. English 376, French 444. Price, \$1.00.  
Contains the following Reports:—  
(A) SELWYN, A. R. C.—Summary Report of the Director.
- 133.** \*(B) DAWSON, G. M.—Report on the Queen Charlotte Islands. With Appendices A to G, Plan of Cowgitz Coal Mine and Maps Nos. 139, 140 and 141, pp. 239. Price, 50c.  
DAWSON, G. M.—Appendix A—On the Haida Indians of the Queen Charlotte Islands.  
DAWSON, G. M.—Appendix B.—Vocabulary of the Haida Indians.
- 134.** \*WHITEAVES, J. F.—Appendix C.—On some Marine Invertebrata from the Queen Charlotte Islands, pp. 16. Out of print.
- 135.** \*SMITH, S. I.—Appendix D.—Notes on Crustacea from the Queen Charlotte and Vancouver Islands, pp. 13. Price, 10c.  
MACOUN, J.—Appendix E.—List of Plants from the Queen Charlotte Islands.  
DAWSON, G. M.—Appendix F.—Meteorological Observations.  
BOVEY, H. J. AND DAWSON, W. B.—Appendix G.—Notes on the Latitudes and Longitudes adopted in the construction of Map No. 139.
- 136.** \*(C) BELL, R.—Report on Explorations of the Churchill and Nelson Rivers, and around God's and Island Lakes; with Notes on the Northern Limits of Forest Trees. With Appendices I to VII, and Map No. 142, pp. 72. Price, 20c.  
WHITEAVES, J. F.—Appendix I—On some Silurian and Devonian Fossils from Manitoba and the valleys of the Churchill and Nelson Rivers.  
MACOUN, J.—Appendix II—List of Plants collected by R. Bell around the shores of Hudson Bay, and along the Churchill and Nelson Rivers.  
WHITEAVES, J. F.—Appendix III—List of Freshwater Mollusca from Manitoba and the Valley of the Nelson River.  
GEFFCKEN, .—Appendix IV—List of Lepidoptera from the Nelson and Churchill Rivers and the West Coast of Hudson Bay.  
LE CONTE, J. L.—Appendix V—List of Coleoptera collected by R. Bell in 1879 on the Nelson and Churchill Rivers.  
BELL, R.—Appendix VI—List of Birds from the region between Norway House and Forts Churchill and York.  
BELL, R.—Appendix VII—Variation of the Compass in the territory explored.
- 137.** \*(D) BAILEY, L. W., MATTHEW, G. F. AND ELLS, R. W.—Report on the Geology of Southern New Brunswick, embracing the Counties of Charlotte, Sunbury, Queens, Kings, St. John and Albert. With Maps Nos. 143, 144, 145 and sheet of Sections No. 146, pp. 26. Price, 30c.
- 138.** \*(H) HOFFMANN, G. C.—Chemical Contributions to the Geology of Canada, pp. 25. Out of print.  
*Accompanying Maps.*
- 139.** \*Map of the Queen Charlotte Islands. Part B. Scale 8 miles to 1 inch. Price, 10c.
- 140.** \*Plans of Harbours, Queen Charlotte Islands. Part B. Scale 2 nautical miles to 1 inch. Price, 10c.
- 141.** \*Map of Skidegate Inlet, Queen Charlotte Islands. Part B. Scale 1 nautical mile to 1 inch. Price, 10c.
- 142.** \*Map of Island and God's Lakes, and the connecting waters to Oxford Lake. Part C. Scale 4 miles to 1 inch. Price, 10c.
- 143.** \*Sheet 1, S. W. (St. Stephen Sheet), Charlotte County, New Brunswick. Part D. Scale 4 miles to 1 inch. Price, 10c.

- 144.** \*Sheet 1, S. E. (St. John Sheet), parts of St. John and Kings Counties, New Brunswick. Part D. Scale 4 miles to 1 inch. Price, 10c.
- 145.** \*Sheet 1, N. E. (Grand Lake Sheet), parts of Sunbury, Queens, Kings, Albert and Westmoreland Counties, New Brunswick. Part D. Scale 4 miles to 1 inch. Price, 10c.
- 146.** \*Sheet of Sections (coloured) to accompany Maps Nos. 143, 144 and 145. Part D. Scale 4 miles to 1 inch. Price, 10c.
- NOTE.—Maps Nos. 143, 144 and 145 and Sheet of Sections No. 146 are in portfolio accompanying Report.
- 147.** \***Report of Progress for 1879-80.** Published in English and French, Montreal, 1881. Large 8vo. pp. English 562, French 632. Price, \$1.00.
- Contains the following Reports :—
- SELWYN, A. R. C.—Summary Report of the Director for the year 1880.
- (A) SELWYN, A. R. C.—Report on Boring Operations in the Souris River Valley. With Appendices I and II.
- DAWSON, G. M.—Appendix I—On the Lignite Tertiary Formation from the Souris River to the 108th Meridian.
- DAWSON, J. W.—Appendix II—Note on Fossil Plants collected by A. R. C. Selwyn in the Lignite Tertiary Formation of Roche Percée, Souris River.
- (B) DAWSON, G. M.—Report on an Exploration from Port Simpson, on the Pacific Coast, to Edmonton, on the Saskatchewan, embracing a portion of the Northern part of British Columbia and the Peace River Country. With Appendices I to III and Maps Nos. 150, 151 and 152.
- MACOUN, J.—Appendix I—List of Plants collected in the Northern part of British Columbia and the Peace River Country, 1879.
- DAWSON, G. M.—Appendix II—Meteorological Observations in the Northern part of British Columbia, the Peace River District, and from Edmonton to Manitoba, 1879.
- DAWSON, G. M.—Appendix III—Note on the Latitudes and Longitudes used in preparing the Map of the Region from the Pacific Coast to Edmonton.
- DAWSON, G. M.—Note on the Distribution of some of the more important Trees of British Columbia. (First printed in the Canadian Naturalist, Vol. IX, No. 9). With Map No. 149.
- (C) BELL, R.—Report on Hudson Bay and some of the Lakes and Rivers lying to the West of it. With Appendices I to XI.
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- MACOUN, J.—Appendix II—Tabulated List of Plants collected in the district.
- LE CONTE, J. L.—Appendix III—List of Coleoptera collected in 1880 in Manitoba, and between Lake Winnipeg and Hudson Bay.
- WHITEAVES, J. F.—Appendix IV—List of the Land, Freshwater and Marine Mollusca collected.
- DITTMAR, W.—Appendix V—Analyses of the waters of Hayes and Nelson Rivers.
- WOOD, W.—Appendix VI—Seasonal or Periodic Events, York Factory.
- WOOD, W.—Appendix VII—Tables showing dates of the opening and closing of Hayes River, at York Factory.
- FORTESCUE, .—Appendix VIII—Dates of the arrivals of the Hudson's Bay Company's vessels at York Factory, and of their sailings for 93 years from 1789 to 1880, both inclusive.



- NASON, J. R.—Appendix IX—Seasonal or Periodic Events, Moose Factory.  
 ARMIT, W.—Appendix X—Dates of the arrivals of the Hudson's Bay Company's vessels at Moose Factory, and of their sailings for 147 years from 1735 to 1880, both inclusive.  
 WOOD, W. AND NASON, J. R.—Appendix XI—Statistics of the weather from observations taken at York and Moose Factories.
- (D) ELLS, R. W.—Report on Northern New Brunswick, embracing portions of the Counties of Restigouche, Gloucester and Northumberland. See Maps Nos. 162, 165 and 166, p. 25.
- (F) FLETCHER, H.—Report of Surveys of portions of the Counties of Richmond, Inverness, Guysborough and Antigonish, Nova Scotia, from Chedabucto and St. Peter's Bays to Judique and Denys Basin. See Maps Nos. 200 to 207, p. 38.
- (G) RICHARDSON, J.—Report of a Geological Exploration of the Magdalen Islands. With Appendix.  
 MACOUN, J.—Appendix—List and Notes of Plants collected by J. Richardson on the Magdalen Islands.
- 148.**\*(H) HOFFMANN, G. C.—Chemical Contributions to the Geology of Canada, pp. 21. Out of print.
- Accompanying Maps.*
- 149.** \*Map illustrating the distribution of some of the more important Trees in British Columbia. Scale 50 miles to 1 inch. Price, 10c.  
 Map of part of British Columbia and the North-West Territory, from the Pacific Ocean to Fort Edmonton (Sheets I, II and III.) Part B. Scale 8 miles to 1 inch.
- 150.** \*Sheet I.—Fort Simpson to Fort St. James. Out of print.
- 151.** \* “ II.—Fort St. James to Dunvegan. “
- 152.** \* “ III.—Dunvegan to Edmonton. “
- NOTE.—Maps Nos. 150, 151 and 152 are in portfolio accompanying Report.
- 153.** \*Map showing the General Northern Limits of the Principal Forest Trees of the Dominion of Canada, East of the Rocky Mountains. Part C. Scale 80 miles to 1 inch. Price, 10c.
- 154.** \*Report of Progress for 1880-81-82. Published in English and French, Montreal, 1883. Large 8vo. pp. English 222, French 246. Price, \$1.00.  
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 SELWYN, A. R. C.—Summary Reports of the Director for 1881 and 1882.  
 SELWYN, A. R. C.—Geological Nomenclature and the Colouring and Notation of Geological Maps. With Index to Colours and Signs, No. 157.\*
- (A) SELWYN, A. R. C.—Notes on the Geology of the South-eastern portion of the Province of Quebec.
- 155.** \*ADAMS, F. D.—Appendix—Notes on the Microscopic Structure of some Rocks of the Quebec Group, pp. 16. Out of print.
- (B) DAWSON, G. M.—Preliminary Report on the Geology of the Bow and Belly Rivers Region, North-West Territory, with special reference to the Coal Deposits. With Map No. 158.
- (C. I.) BELL, R.—Report on the Geology of the Basin of Moose River and adjacent Country. With Maps Nos. 159 and 160.
- (C. II.) BELL, R.—Report on the Geology of the Lake of the Woods and adjacent Country. With Appendices I and II and Map No. 161.  
 MACOUN, J.—Appendix I—Catalogue of the plants collected along the Michipicoten River and in the Southern part of the Basin of Moose River.

\*This is a reprint, with slight textual differences, of a communication printed by the author for presentation to the International Geological Congress, Bologna, August, 1881, pp. 5.

LE CONTE, J. L.—Appendix II—Lists of Coleoptera collected in 1881 by R. Bell and others in the Lake Superior District and in the North-West Territories.

(D) ELLS, R. W.—Report on Northern and Eastern New Brunswick and the North side of the Bay of Chaleurs. With Maps Nos. 162 to 166 (incl.) See also Map No. 175, p. 40.

(DD) ELLS, R. W.—Report on the Geology of the Gaspé Peninsula. With Maps Nos. 164 and 165. See also Maps Nos 175, 181, 182 and 183, p. 40.

(GG) WILLIMOTT, C. W.—Notes on some of the Mines in the Province of Quebec.

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*Accompanying Maps.*

157. \*Index to the Colours and Signs employed in the Maps and Sections of the Geological Survey of Canada. Price, 10c.

158. \*Index Map of Coal and Lignite Outcrops in the Bow and Belly Rivers District. (Southern Alberta.) Part B. Scale 10 miles to 1 inch. Price, 10c.

159. \*Map showing approximately the Geology of the Basin of Moose River and adjacent Country. To illustrate Reports for 1875-76, 1876-77 and 1880-81-82 Part C. I. Scale 8 miles to 1 inch. Price, 10c.

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NOTE.—Maps Nos. 159 and 161 to 166 (incl.) are in portfolio accompanying Report.

167. \*Report of Progress for 1882-83-84. Published in English and French, Montreal, 1885. Large 8vo. pp. English 750, French 831. Price, \$1.00.

Contains the following Reports :—

SELWYN, A. R. C.—Summary Report of the Director for 1883.

(B) BAUERMAN, H.—Report on the Geology of the country near the Forty-ninth Parallel of North Latitude, West of the Rocky Mountains, from Observations made in 1859-61. With Plate of Sections No. 170.

(C) DAWSON, G. M.—Report on the Region in the vicinity of the Bow and Belly Rivers, N.W.T. With Appendices I to III and Maps Nos. 171 and 172.

DAWSON, G. M.—Appendix I—List of Elevations.

NELSON, J. C.—Appendix II—Blackfoot Names of a number of Places in the North-West Territories, for the most part in the vicinity of the Rocky Mountains.

HOFFMANN, G. C.—Appendix III—Analyses of Ironstones occurring in the district.

(CC) BELL, R.—Report on part of the Basin of Athabasca River, N.W.T. With Appendix and Map No. 173.

- LYMAN, H. H.—Appendix—List of Lepidoptera collected in the N.W.T. in 1882.
- (D) LAFLAMME, J. A. K.—Report of Geological Observations in the Saguenay Region.
- (DD) BELL, R.—Observations on the Labrador Coast, and on Hudson Strait and Bay. With Appendices I to V.
- MACOUN, J.—Appendix I—List of Plants collected on the Coasts of Labrador, Hudson Strait and Bay by R. Bell in 1884.
- BELL, R.—Appendix II—List and Notes of the Mammals of the vicinity of Hudson Bay and Labrador.
- BELL, R.—Appendix III—List and Notes of the Birds of the vicinity of Hudson Bay and Labrador.
- SMITH, S. J.—Appendix IV—List of Crustacea collected by R. Bell at Port Burwell.
- WHITEAVES, J. F.—Appendix IV—List of Marine Invertebrates from Hudson Strait, collected by R. Bell in 1884.
- LYMAN, H. H.—Appendix V—List of Lepidoptera collected by R. Bell in Hudson Strait in 1884.
- SMITH, J. B.—Appendix V—List of Coleoptera collected by J. R. Spencer at Fort Churchill.
- (E) ELLS, R. W.—Report on Explorations and Surveys in the interior of Gaspé Peninsula and Prince Edward Island.  
*See* Maps Nos. 175 to 183 (incl.), p. 40.
- (F) LOW, A. P.—Report on Explorations and Surveys in the interior of Gaspé Peninsula. With Panoramic View No. 208.  
*See* Maps Nos. 175, 182 and 183, p. 40.
- (G) BAILEY, L. W.—Report of Explorations and Surveys in portions of York and Carleton Counties, N.B. *See* Map No. 174, p. 39.
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 MERRIAM, C. H.—Appendix IV—Description of a new red-backed mouse from the Liard River, N.W.T.
- 262.** \*ADAMS, F. D.—Appendix V—Notes on the Lithological Character of some of the Rocks collected in the district covered by the report, pp. 6. Out of print.  
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280. \*Hixon Creek Quartz Locations, with adjacent Placers. Part C. Scale 12½ inches to 1 mile. Price, 10c.
281. \*Veins and Placer Mines of Hixon Creek. Part C. Scale 32 chains to 1 inch. Price, 10c.
282. \*Topographical Map of Duck and Riding Mountains in North-western Manitoba. Part E. Scale 8 miles to 1 inch. Price, 10c.
283. \*Western Ontario—Sheet 3—(Rainy Lake Sheet), part of Rainy River District. Part F. Scale 4 miles to 1 inch. Out of print.
284. Diagrammatic Sections across Keewatin Trough along the lines indicated on Map No. 283. Part F.
285. \*Sketch Map of the Thunder Bay Mining Region of Lake Superior. Part H. Scale 4 miles to 1 inch. Price, 10c.
286. \*Geological and Topographical Map of Silver Mountain Mining District. Part H. Scale 20 chains to 1 inch. Price, 10c.
287. \*Asbestos District of Thetford and Coleraine. Part K. Scale 40 chains to 1 inch. Price, 10c.
288. \*Sheet 6, S. W.—Surface Geology—(Shippegan Sheet), part of Gloucester County, New Brunswick. Part N. Scale 4 miles to 1 inch. Price, 10c.
289. \*Sheet 2, N. E.—Surface Geology—(Newcastle Sheet), parts of Gloucester and Northumberland Counties, New Brunswick. Part N. Scale 4 miles to 1 inch. Price, 10c.
290. \*Sheet 17, N. E. (Madawaska Sheet), parts of Madawaska County, New Brunswick, Temiscouata County, Quebec, and Maine, U.S. Part M. Scale 4 miles to 1 inch. Price, 10c.

NOTE.—Maps Nos. 275 to 279, 283 and 286 to 290, are in portfolio accompanying Report.

291. \*Summary Report of the Director to December 31st, 1889, being Part III, Annual Report of the Department of Interior, 1889. Large 8vo. pp. 44. Price, 5c.

- 292. \*Annual Report (New Series), Vol. IV., 1888-89.** Published in English and French, Montreal, 1890. Large 8vo. pp. Eng. 1053, Fr. 1010. Price, \$2.00.  
Contains the following Reports. Each Report is also published separately :—
- 293. \*(A) SELWYN, A. R. C.**—Summary Report of the Director for the year 1889, pp. 66.  
Price, 10c.
- 294. \*(B) DAWSON, G. M.**—Report on a portion of the West Kootanie District, British Columbia. With Map No. 303, pp. 66.  
Price, 20c.
- 295. \*(D) McCONNELL, R. G.**—Report on an Exploration in the Yukon and Mackenzie Basins, N.W.T. With Appendix and Map No. 304, pp. 163. *Vide* Maps Nos. 305 to 313.  
Price, 25c.  
Appendix I—Meteorological Observations.  
NOTE.—Maps Nos. 305 to 313 accompany Vol. IV, but are not included in the price of the Separate Report.
- 296. \*(E) UPHAM, W.**—Report of Exploration of the Glacial Lake Agassiz in Manitoba. With Appendices I and II and Maps Nos. 314, 315 and 316, pp. 156.  
Price, 25c.  
Appendix I—Courses of Glacial Striæ.  
Appendix II—Tables of Altitudes.
- 297. \*(K) ELLS, R. W.**—Report on the Mineral Resources of the Province of Quebec, pp. 159.  
Price, 25c.
- 298. \*(N) CHALMERS, R.**—Report on the Surface Geology of Southern New Brunswick. With Maps Nos. 317, 318 and 319, pp. 92.  
Price, 30c.
- 299. \*(R) HOFFMANN, G. C.**—Chemical Contributions to the Geology of Canada, pp. 68.  
Price, 15c.
- 300. \*(S) BRUMELL, H. P. H.**—Report on the Mining and Mineral Statistics of Canada for 1888, pp. 93.  
Out of print.
- 301. \*(S) INGALL, E. D.**—Division of Mineral Statistics and Mines. Annual Report for 1889, pp. 123.  
Price, 10c.
- 302. \*(T) HOFFMANN, G. C.**—Annotated List of the Minerals occurring in Canada, pp. 67.  
Price, 10c.
- Accompanying Maps.*
- 303. \***Reconnaissance Map of a portion of the West Kootanie District, British Columbia. Part B. Scale 8 miles to 1 inch.  
Price, 10c.
- 304. \***Index Map showing the Routes followed by the Members of the Yukon Expedition, 1887-88. Part D. Scale 48 miles to 1 inch.  
Price, 10c.  
Nine sheets of Mackenzie, Porcupine and Yukon Rivers. Part D. Scale 8 miles to 1 inch.
- 305. \***Sheet 1, Fort Chippewyan to Fort Resolution Sheet. Price, 10c.
- 306. \*** “ 2, Fort Resolution to Fort Providence “ “ “
- 307. \*** “ 3, Fort Providence to Fort Simpson “ “ “
- 308. \*** “ 4, Liard River Sheet. “ “
- 309. \*** “ 5, Fort Wrigley “ “
- 310. \*** “ 6, Fort Norman “ “
- 311. \*** “ 7, Fort Good Hope “ “
- 312. \*** “ 8, Porcupine River “ “
- 313. \*** “ 9, Yukon River “ “
- 314.** Map of the Glacial Lake Agassiz and adjoining Portions of North America. Part E. Scale 220 miles to 1 inch.
- 315.** Sections illustrating the Report on the Glacial Lake Agassiz in Southern Manitoba. Part E.
- 316.** Map of the Beaches and Deltas of the Glacial Lake Agassiz in Southern Manitoba. Part E. Scale 20 miles to 1 inch.
- 317. \***Sheet 1, S.W.—Surface Geology,—(St. Stephen Sheet), Charlotte County, New Brunswick. Part N. Scale 4 miles to 1 inch.  
Price, 10c.



- 318.** \*Sheet 1, S.E.—Surface Geology,—(St. John Sheet), parts of St. John and Kings Counties, New Brunswick. Part N. Scale 4 miles to 1 inch. Price, 10c.
- 319.** \*Sheet 1, N.E.—Surface Geology,—(Grand Lake Sheet), parts of Sunbury, Queens, Kings, Albert and Westmoreland Counties, New Brunswick. Part N. Scale 4 miles to 1 inch. Price, 10c.

NOTE.—Maps Nos. 305 to 313 (incl.), and 317, 318 and 319 are in portfolio accompanying Report.

- 320.** \*Summary Report of the Geological Survey Department for the year 1890. Large 8vo. pp. 57. (Blue-book form.) Out of print.
- 321.** \*Summary Report of the Geological Survey Department for the year 1891. Large 8vo. pp. 60. (Blue-book form.) Price, 5c.
- 322.** \*Annual Report (New Series), Vol. V., 1890-91. Published in English and French, Ottawa, 1893. 2 vols., large 8vo. pp., English 1486, French 1619. Price, \$2.00.

Contains the following Reports. Each Report is also published separately :—

- (A) SELWYN, A. R. C.—Summary Report of the Director for the year 1890, pp. 86. (Reprint from Blue book.) No separates.
- 323.** \*(A) SELWYN, A. R. C.—Summary Report of the Director for the year 1891, pp. 92. (Reprint from Blue book.) Price, 10c.
- 324.** \*(D) McCONNELL, R. G.—Report on a portion of the District of Athabasca, comprising the Country between Peace River and Athabasca River, North of Lesser Slave Lake. With Sections Nos. 337 and 338, and Map No. 336, pp. 67. Price, 25c.
- 325.** \*(E) TYRRELL, J. B.—Report on North-western Manitoba with portions of the adjacent districts of Assiniboia and Saskatchewan. With Appendix and Maps Nos. 339, 340 and 341, pp. 235. Price, 25c.
- Appendix—List of photographs taken in the summers of 1887-90.
- 326.** \*(F) BELL, R.—Report on the Sudbury Mining District. With Appendices I to IV and Map No. 343, pp. 95. Price, 20c.
- WILLIAMS, G. H.—Appendix I—Notes on the Microscopical Character of Rocks from the Sudbury Mining District.
- BELL, R.—Appendix II—Levels of Lakes above the Sea.
- LYMAN, H. H.—Appendix III—On Lepidoptera collected by R. Bell in the Country northward of Lake Huron.
- BELL, R.—Appendix IV—Meanings of Indian geographical names in the Country around Sudbury.
- 327.** \*(G) SMITH, W. H. C.—Report on the Geology of Hunter's Island and adjacent Country. With Map No. 342, pp. 71. Price, 20c.
- 328.** \*(L) LOW, A. P.—Report on the Geology and Economic Minerals of the Southern portion of Portneuf, Quebec and Montmorency Counties, P.Q. With Appendix, pp. 82. Price, 15c.
- 329.** \*FERRIER, W. F.—Appendix—Notes on the Microscopical Character of some Rocks from the Counties of Quebec and Montmorency. Price, 5c.
- 330.** \*(M) BAILEY, L. W. AND McINNES, W.—Report on portions of the Province of Quebec and adjoining areas in New Brunswick and Maine, relating more especially to the Counties of Temiscouata and Rimouski, P.Q. With Map No. 350 and Section No. 351, pp. 28. Price, 10c.
- 331.** \*(P) FLETCHER, H.—Report on Geological Surveys and Explorations in the Counties of Pictou and Colchester, N.S., pp. 193. Price, 20c.
- 332.** \*(Q) BRUMELL, H. P. H.—Report on Natural Gas and Petroleum in Ontario prior to 1891. With Appendices A to C and Maps and Sections Nos. 344 to 349 (incl.), pp. 94. Price, 25c.
- Appendix A—Table of Beaumé's Hydrometer, with corresponding Specific Gravities.

Appendix B—Cost of “Drilling Rig,” complete, at Petrolea, Ont.

Appendix C—Bibliography.

- 333.** \*(R) HOFFMANN, G. C.—Chemical Contributions to the Geology of Canada, pp. 72.  
Price, 20c.
- 334.** \*(S) INGALL, E. D.—Division of Mineral Statistics and Mines. Annual Report for 1890, pp. 200.  
Price, 20c.
- 335.** \*(SS) INGALL, E. D.—Division of Mineral Statistics and Mines. Annual Report for 1891, pp. 200.  
Price, 10c.
- Accompanying Maps.*
- 336.** \*Index Map of Country between the lower portions of the Peace and Athabasca Rivers, North of Lesser Slave Lake. Lat. 55° N. to 59° N. Part D. Scale 48 miles to 1 inch.  
Price, 10c.
- 337.** Section along the Athabasca Valley from Athabasca Landing to Fort McMurray. Part D. Horizontal scale 8 miles to 1 inch, vertical scale 1,000 feet to 1 inch.
- 338.** Section along the Peace Valley from Smoky River Forks to Peace River Falls. Part D. Horizontal scale 8 miles to 1 inch, vertical scale 1,000 feet to 1 inch.
- 339.** \*Geological Map of North-western Manitoba. Part E. Scale 8 miles to 1 inch.  
Price, 10c.
- 340.** \*Map showing Forest distribution in North-western Manitoba. Part E. Scale 8 miles to 1 inch.  
Price, 10c.
- 341.** Plan and Elevation of Mossy Portage between Cedar Lake and Lake Winnipegosis. Part E. Horizontal scale 50 chains to 1 inch, vertical scale 120 feet to 1 inch.
- 342.** \*Western Ontario—Sheet No. 7—(Hunter's Island Sheet). Parts of Thunder Bay and Rainy River Districts. Part G. Scale 4 miles to 1 inch. Price, 10c.
- 343.** \*Ontario—Sheet No. 130—(Sudbury Sheet). Parts of Nipissing and Algoma Districts. Part F. Scale 4 miles to 1 inch. Price, 10c.
- 344.** Sketch Plan of the Niagara Peninsula showing location and depth of Wells. Part Q. Scale 6 miles to 1 inch.
- 345.** Sketch Plan of Essex County showing location and depth of Wells. Part Q. Scale 6 miles to 1 inch.
- 346.** Sketch Map and Section from Whitby, Ont. to Fredonia, N.Y. Part Q. Horizontal scale 7 miles to 1 inch, vertical scale 1,100 feet to 1 inch.
- 347.** Sketch Map of South-western Ontario. Part Q. Scale 15 miles to 1 inch.
- 348.** Sketch Map and Section from Port Colborne to Kincardine. Part Q. Horizontal scale 6½ miles to 1 inch, vertical scale 1,100 feet to 1 inch.
- 349.** Sketch Map and Section from Whitby to Courtright. Part Q. Horizontal scale 7 miles to 1 inch, vertical scale 1,100 feet to 1 inch.
- 350.** \*Sheet 18 S.E. (Temiscouata Sheet), parts of Temiscouata and Rimouski Counties, Quebec, and Restigouche County, New Brunswick. Part M. Scale 4 miles to 1 inch.  
Price, 10c.
- 351.** \*General Section representing the supposed arrangement of the Cambrian Rocks on the line of the Temiscouata Portage Road, between Temiscouata Lake and River du Loup. Part M. Scale 7 miles to 1 inch. Price, 10c.
- NOTE.—Maps Nos. 339, 340, 342, 343 and 350 are in portfolio accompanying Report.
- 352.** \*Summary Report of the Geological Survey Department for the year 1892. Large 8vo. pp. 63. (Blue book form.) Price, 5c.
- 353.** \*Summary Report of the Geological Survey Department for the year 1893. With Map No. 361. Large 8vo. pp. 65. (Blue book form.) Price, 5c.
- 354.** \*Annual Report (New Series) Vol. VI., 1892-93. Published in English and French, Ottawa, 1895. Large 8vo. pp. English 534. Price, 50c.
- Contains the following Reports. Each Report is also published separately:—

355. \*(A) SELWYN, A. R. C.—Summary Report of the Director for the year 1892. (Reprint from Blue-book), pp. 95. Price, 10c.
356. \*(A) SELWYN, A. R. C.—Summary Report of the Director for the year 1893. (Reprint from Blue-book.) With Map No. 361, pp. 98. Price, 10c.
357. \*(J) ADAMS, F. D.—Preliminary Report on the Geology of a portion of Central Ontario situated in the Counties of Victoria, Peterborough and Hastings, pp. 15. Price, 10c.
358. \*(Q) BAILEY, L. W.—Preliminary Report on Geological Investigations in South-western Nova Scotia. With Map No. 362, pp. 21. Price, 10c.
359. \*(R) HOFFMANN, G. C.—Chemical Contributions to the Geology of Canada, pp. 93. Price, 10c.
360. \*(S) INGALL, E. D.—Division of Mineral Statistics and Mines. Annual Report for 1892, pp. 212. Price, 10c.
- Accompanying Maps.*
361. Sketch Map to illustrate Exploration in the vicinity of Red Lake, District of Keewatin. (Reports Nos. 353 and 356.) Scale 40 miles to 1 inch.
362. \*Geological Sketch Map of South-western Nova Scotia, including Digby, Yarmouth, Shelburne, Queens and part of Annapolis Counties. Part Q. Scale 8 miles to 1 inch. Price, 10c.
552. \*Summary Report of the Geological Survey Department for the year 1894. With Map No. 554. Large 8vo. pp. 126. (Blue-book form.) Out of print.
- Annual Report (New Series) Vol. VII.** Published in English and French. Large 8vo. In progress.
- (Parts already printed or in press.)*
553. \*(A) DAWSON, G. M.—Summary Report of the Director for the year 1894. With Map No. 554. (Reprint from Blue-book.) pp. 124. Price, 10c.
573. \*(B) DAWSON, G. M.—Report on the Area of the Kamloops map-sheet, British Columbia. With Maps Nos. 556 and 557. In press.
574. \*(C) MCCONNELL, R. G.—Report on an Exploration of the Finlay and Omenica Rivers. With Map No. 567. In press.
566. \*(M) CHALMERS, R.—Report on the Surface Geology of Eastern New Brunswick, North-western Nova Scotia and a portion of Prince Edward Island. With Maps Nos. 558, 559, 561, 562, 563, pp. 149. Price 30c.
572. \*(S) INGALL, E. D.—Division of Mineral Statistics and Mines. Report for the years 1893 and 1894. Price 10c.
- Accompanying Maps.*
554. Sketch Map of the Labrador Peninsula to illustrate Exploration by A. P. Low. (Reports Nos. 552 and 553.) Scale 150 miles to 1 inch.
556. \*Kamloops Sheet, British Columbia. Geologically Coloured. Part B. Scale 4 miles to 1 inch. Price 10c.
557. \*Kamloops Sheet, British Columbia. Topography, Economic Minerals and Glacial Striæ. Part B. Scale 5 miles to 1 inch. Price 10c.
567. \*Sketch Map of the Finlay and Omenica Rivers. British Columbia. Part C. Scale 8 miles to 1 inch. Price 10c.
558. \*Sketch Map showing area occupied by Pleistocene Glaciers in New Brunswick and Prince Edward Island and adjacent portions of Nova Scotia and Quebec at their maximum extension. Part M. Scale 40 miles to 1 inch. Price, 10c.
559. \*Sketch Map showing Striation from Local Glaciers and Floating Ice in New Brunswick and Prince Edward Island and adjacent portions of Nova Scotia and Quebec during the closing stage of the Pleistocene. Part M. Scale 40 miles to 1 inch. Price, 10c.
561. \*4, N. W.—Surface Geology—(Cumberland Coal-field Sheet)—parts of Westmoreland and Albert Counties, New Brunswick, and Cumberland County, Nova Scotia. Part M. Scale 4 miles to 1 inch. In press.



- 562.** \*2, S. E.—Surface Geology—(Richibucto Sheet)—parts of Kent, Northumberland and Sunbury Counties, New Brunswick. Part M. Scale 4 miles to 1 inch.  
In press.
- 563.** \*5, S. W.—Surface Geology—(Buctouche Sheet)—parts of Kent County, New Brunswick, and Prince and Queens Counties, Prince Edward Island. Part M.  
Scale 4 miles to 1 inch. In press.
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## MAPS.

In the following list, all maps published by the Geological Survey of Canada are included, both those catalogued already with the several reports and those issued separately. The titles of maps not elsewhere mentioned in connection with the reports are here given in full, and are designated thus (†). A complete enumeration of the maps issued by the Survey is thus given. The order is geographical, by provinces and districts.

*General Maps.*

- 53.** \*Geological Map of Canada. Scale 125 miles to 1 inch. *Vide* page 13.  
**58.** \*Map showing distribution of Superficial Deposits between Lake Superior and Gaspé. *Vide* page 14.  
**65.** \*Geological Map of Canada. Scale 25 miles to 1 inch. *Vide* page 15.  
**255.** \*Map of the Northern part of Canada, East of the Rocky Mountains. *Vide* page 29.  
**396.** \*Geological Map of British North America. *Vide* page 45.  
**411.** \*Map of the Dominion of Canada. *Vide* page 46.  
**153.** \*Map showing Northern Limits of the Principal Forest Trees of the Dominion of Canada. *Vide* page 24.

*Nova Scotia.*

- 105.** \*Cape Dauphin District. *Vide* page 19.  
**106.** \*Eastern part of Sydney Coal Field. *Vide* page 19.  
**113.** \*Western part of the Sydney Coal Field. *Vide* page 20.  
**124.** \*Louisbourg Sheet. *Vide* page 21.  
**131.** \*Grand Narrows Sheet, *Vide* page 22.  
The following 24 Maps (Nos. 184 to 207) with Nos. 174 to 183, are supplied separately at 10c. each, or in portfolio. Price, \$2.00.  
Reference for Maps Nos. 184 to 199 (incl.), Part H, Report of Progress, 1882-83-84, page 26.  
**184.** †\*Sheet 1 (Cape North Sheet), parts of Inverness and Victoria Counties. Scale 1 mile to 1 inch. Price, 10c.  
**185.** †\*Sheet 2 (Aspy Bay Sheet), part of Victoria County. Scale 1 mile to 1 inch. Price, 10c.  
**186.** †\*Sheet 3 (Pleasant Bay Sheet), parts of Inverness and Victoria Counties. Scale 1 mile to 1 inch. Price, 10c.  
**187.** †\*Sheet 4 (Ingonish Sheet), part of Victoria County. Scale 1 mile to 1 inch. Price, 10c.  
**188.** †\*Sheet 5 (Head-waters of Cheticamp River Sheet), parts of Inverness and Victoria Counties. Scale 1 mile to 1 inch. Price, 10c.  
**189.** †\*Sheet 6 (North Cheticamp Sheet), part of Inverness County. Scale 1 mile to 1 inch. Price, 10c.  
**190.** †\*Sheet 7 (North Shore Sheet), part of Victoria County. Scale 1 mile to 1 inch. Price, 10c.  
**191.** †\*Sheet 8 (Head-waters Margaree River Sheet), parts of Inverness and Victoria Counties. Scale 1 mile to 1 inch. Price, 10c.  
**192.** †\*Sheet 9 (South Cheticamp Sheet), part of Inverness County. Scale 1 mile to 1 inch. Price, 10c.  
**193.** †\*Sheet 10 (Englishtown Sheet), parts of Victoria and Inverness Counties. Scale 1 mile to 1 inch. Price, 10c.

- 194.** †\*Sheet 11 (Margaree Sheet), parts of Inverness and Victoria Counties. Scale 1 mile to 1 inch. Price, 10c.  
**195.** †\*Sheet 12 (Baddeck Sheet), part of Victoria County. Scale 1 mile to 1 inch. Price, 10c.  
**196.** †\*Sheet 13 (Middle River Sheet), parts of Inverness and Victoria Counties. Scale 1 mile to 1 inch. Price, 10c.  
**197.** †\*Sheet 14 (Broad Cove Sheet), part of Inverness County. Scale 1 mile to 1 inch. Price, 10c.  
**198.** †\*Sheet 15 (Whycocomagh Sheet), parts of Inverness and Victoria Counties. Scale 1 mile to 1 inch. Price, 10c.  
**199.** †\*Sheet 16 (Port Hood Sheet), part of Inverness County. Scale 1 mile to 1 inch. Price, 10c.

Reference for Maps Nos. 200 to 207 (incl.), Part F, Report of Progress, 1879-80. *Vide* page 24.

- 200.** †\*Sheet 17 (Loch Lomond Sheet), parts of Richmond and Cape Breton Counties. Scale 1 mile to 1 inch. Price, 10c.  
**201.** †\*Sheet 18 (River Denys Sheet), parts of Richmond and Inverness Counties. Scale 1 mile to 1 inch. Price, 10c.  
**202.** †\*Sheet 19 (Judique Sheet), part of Inverness County. Scale 1 mile to 1 inch. Price, 10c.  
**203.** †\*Sheet 20 (L'Ardoise Sheet), part of Richmond County. Scale 1 mile to 1 inch. Price, 10c.  
**204.** †\*Sheet 21 (Saint Peter's Sheet), parts of Richmond and Inverness Counties. Scale 1 mile to 1 inch. Price, 10c.  
**205.** †\*Sheet 22 (Strait of Canso Sheet), parts of Inverness, Richmond, Antigonish and Guysborough Counties. Scale 1 mile to 1 inch. Price, 10 cts.  
**206.** †\*Sheet 23 (Arichat Sheet), part of Richmond County. Scale 1 mile to 1 inch. Price, 10c.

NOTE.—Nos. 106, 113, 124, 131 and 184 to 206 (incl.) cover the whole of Cape Breton, and Nos. 205, 207, 379 to 390, 550, 551 and 569 the eastern part of the mainland of Nova Scotia.

- 207.** †\*Sheet 24 (Guysborough Harbour Sheet), part of Guysborough County. Scale 1 mile to 1 inch. Price, 10c.

The following 14 Maps, Nos. 379 to 390, 550 and 551, are supplied separately at 10c. each, or together in portfolio. Price, \$1.00.

Reference for Maps Nos. 379 to 390, 550, 551 and 378, Part P, Vol. II, 1886

- 379.** †\*Sheet 25 (Guysborough Town Sheet), part of Guysborough County. Scale 1 mile to 1 inch. Price, 10c.  
**380.** †\*Sheet 26 (Whitehaven Sheet), part of Guysborough County. Scale 1 mile to 1 inch. Price, 10c.  
**381.** †\*Sheet 27 (Isaacs Harbour Sheet), part of Guysborough County. Scale 1 mile to 1 inch. Price, 10c.  
**382.** †\*Sheet 28 (Gegogan Sheet), part of Guysborough County. Scale 1 mile to 1 inch. Price 10c.  
**383.** †\*Sheet 29 (Sherbrooke Sheet), part of Guysborough County. Scale 1 mile to 1 inch. Price, 10c.  
**384.** †\*Sheet 30 (Country Harbour Sheet), part of Guysborough County. Scale 1 mile to 1 inch. Price, 10c.  
**385.** †\*Sheet 31 (Roman Valley Sheet), parts of Antigonish and Guysborough Counties. Scale 1 mile to 1 inch. Price, 10c.  
**386.** †\*Sheet 32 (Pomquet Harbour Sheet), part of Antigonish County. Scale 1 mile to 1 inch. Price, 10c.  
**387.** †\*Sheet 33 (Cape George Sheet), part of Antigonish County. Scale 1 mile to 1 inch. Price, 10c.



- 388.** †\*Sheet 34 (Antigonish Town Sheet), parts of Antigonish and Pictou Counties. Scale 1 mile to 1 inch. Price, 10c.
- 389.** †\*Sheet 35 (Lochaber Sheet), parts of Antigonish and Pictou Counties. Scale 1 mile to 1 inch. Price, 10c.
- 390.** †\*Sheet 36 (West River St. Marys Sheet), parts of Guysborough and Pictou Counties. Scale 1 mile to 1 inch. Price, 10c.
- 550.** †\*Sheet 37 (Liscomb River Sheet), parts of Guysborough and Halifax Counties. Scale 1 mile to 1 inch. Price, 10c.
- 551.** †\*Sheet 38 (Mosers River Sheet), parts of Guysborough and Halifax Counties. Scale 1 mile to 1 inch. Price, 10c.
- 569.** †\*Sheet 39 (Tangier Sheet), part of Halifax County. Scale 1 mile to 1 inch. In press.
- 230.** \*Sheet 4 N. W. (Cumberland Coal-field Sheet). *Vide* page 28.
- 378.** †\*Sheet 11 S. W. (part of Guysborough County). Scale 4 miles to 1 inch. Price, 10c.
- 362.** \*South-western Nova Scotia. *Vide* page 35.
- 82.** \*Pictou Coal-field. *Vide* page 16.
- 93.** \*Acadia Iron Mines. *Vide* page 17.
- 100.** †\*Index Map of Springhill Coal-field. *Vide* page 18.

*New Brunswick and Prince Edward Island.*

NOTE.—The following Maps of the regular series for New Brunswick, Prince Edward Island and parts of Quebec and Nova Scotia, are referred to in the Reports of the Geological Survey, as follows:—

Reference for Map No. 143, Part D, 1878-79.

- |   |   |            |   |  |
|---|---|------------|---|--|
| " | " | 144        | " | D, DD & E, 1877-78 and D, 1878-79.       |
| " | " | 145        | " | D, 1877-78 and D, 1878-79.               |
| " | " | 162        | " | D, 1879-80 and D, 1880-81-82.            |
| " | " | 163        | " | D, 1880-81-82.                           |
| " | " | 164        | " | D & DD, 1880-81-82.                      |
| " | " | 165        | " | D, 1879-80, D & DD, 1880-81-82.          |
| " | " | 166        | " | D, 1879-80, and D, 1880-81-82.           |
| " | " | 174        | " | G, 1882-83-84.                           |
| " | " | 175        | " | DD, 1880-81-82 and E & F, 1882-83-84.    |
| " | " | 176 to 179 | " | E, 1882-83-84.                           |
| " | " | 180        | " | DD, 1880-81-82 and E, 1882-83-84.        |
| " | " | 181        | " | DD, 1880-81-82 and E, 1882-83-84.        |
| " | " | 182 & 183  | " | DD, 1880-81-82, and E and F, 1882-83-84. |
| " | " | 230        | " | E, Vol. I, 1885.                         |
| " | " | 231        | " | G, Vol. I, 1885.                         |
| " | " | 254        | " | N, Vol. II, 1886.                        |
| " | " | 290        | " | M, Vol. III, 1887-88.                    |
| " | " | 350        | " | M, Vol. V, 1890-91.                      |
- 143.** \*Sheet 1 S. W. (St. Stephen Sheet). *Vide* page 22.
- 174.** †\* " 1, N. W. (Fredericton Sheet), parts of Sunbury, York and Carleton Counties, New Brunswick. Scale 4 miles to 1 inch. Price, 10c.
- 144.** \*Sheet 1 S. E. (St. John Sheet). *Vide* page 23.
- 145.** \* " 1 N. E. (Grand Lake Sheet). *Vide* page 23.
- 231.** \* " 2 S. W. (Andover Sheet). *Vide* page 28.
- 254.** \* " 2 N. W. (Grand Falls Sheet). *Vide* page 29.
- 162.** \* " 2 N. E. (Newcastle Sheet). *Vide* page 25.
- 163.** \* " 2 S. E. (Richibucto Sheet). *Vide* page 25.
- 164.** \* " 3 S. W. (Dalhousie Sheet). *Vide* page 25.

165. \*Sheet 3 S.E. (Bathurst Sheet). *Vide* page 25.
230. \* " 4 N. W. (Cumberland Coal-field Sheet). *Vide* page 28.
177. †\* " 5, N. W. (North Point Sheet), part of Prince County, Prince Edward Island. Scale 4 miles to 1 inch. Price, 10c.
178. †\*Sheet 5, S. W. (Buctouche Sheet), parts of Kent County, New Brunswick and Prince and Queens Counties, Prince Edward Island. Scale 4 miles to 1 inch. Price, 10c.
179. †\*Sheet 5, S. E. (Charlottetown Sheet), parts of Prince and Queens Counties, Prince Edward Island. Scale 4 miles to 1 inch. Price, 10c.
166. \*Sheet 6 S.W. (Shippegan Sheet). *Vide* page 25.
290. \* " 17 N.E. (Madawaska Sheet). *Vide* page 31.
350. \* " 18 S.E. (Temiscouata Sheet). *Vide* page 34.
317. \* " 1 S.W. (St. Stephen Sheet). Surface Geology. *Vide* page 32.
318. \* " 1 S.E. (St. John Sheet). " " 33.
319. \* " 1 N.E. (Grand Lake Sheet). " " 33.
562. \* " 2 S.E. (Richibucto Sheet). " " 36.
289. \* " 2 N.E. (Newcastle Sheet). " " 31.
252. \* " 3 S.W. (Dalhousie Sheet). " " 29.
253. \* " 3 S.E. (Bathurst Sheet). " " 29.
561. \* " 4 N.W. (Cumberland Coal-field Sheet). " " 35.
563. \* " 5 S.W. (Buctouche Sheet). " " 36.
288. \* " 6 S.W. (Shippegan Sheet). " " 31.
558. \*Map showing area occupied by Pleistocene Glaciers at their maximum extension. *Vide* page 35.
559. \*Map showing situation of Local Glaciers and Floating Ice during the closing stage of the Pleistocene. *Vide* page 35.
81. \*Sketch Map of York, Carleton, and part of Victoria Counties. *Vide* page 16.
104. \*Iron Ores of Carleton County. *Vide* page 19.
123. \*Map of the Lower Carboniferous Rocks of Albert and Westmoreland Counties. *Vide* page 21.
- Quebec.*
175. †\*Sheet 3, N. E. (Head-waters Bonaventure River Sheet), parts of Bonaventure and Gaspé Counties, Quebec. Scale 4 miles to 1 inch. Price, 10c.
176. †\*Sheet 3, N. W. (Lake Metapedia Sheet), parts of Rimouski and Bonaventure Counties, Quebec. Scale 4 miles to 1 inch. Price, 10c.
164. \*Sheet 3 S.W. (Dalhousie Sheet). *Vide* page 25.
165. \* " 3 S.E. (Bathurst Sheet). *Vide* page 25.
180. †\*Sheet 6, N. W. (Douglastown Sheet), part of Gaspé County, Quebec. Scale 4 miles to 1 inch. Price, 10c.
181. †\*Sheet 7, S. W. (Fox River Sheet), parts of Gaspé County and Island of Anticosti, Quebec. Scale 4 miles to 1 inch. Price, 10c.
182. †\*Sheet 15, S. E. (Cape Marsouin Sheet), part of Gaspé County, Quebec. Scale 4 miles to 1 inch. Price, 10c.
183. †\*Sheet 15, S. W. (Ste. Anne des Monts Sheet), parts of Saguenay and Gaspé Counties, Quebec. Scale 4 miles to 1 inch. Price, 10c.
290. \*Sheet 17 N.E. (Madawaska Sheet). *Vide* page 31.
350. \* " 18 S.E. (Temiscouata Sheet). *Vide* page 34.
251. \*South-east quarter-sheet, "Eastern Townships Map" (Sherbrooke Sheet). *Vide* page 29.
375. †\*North-east quarter-sheet "Eastern Townships Map" (Quebec Sheet.) (Lotbinière, Portneuf, Quebec, Dorchester, Bellechasse and Montmagny Counties). See Part K, Vol. III, 1887-88. Scale 4 miles to 1 inch. Price, 10c.
571. †\*South-west quarter-sheet "Eastern Townships Map," (Montreal Sheet), extending from Magog to Huntingdon and from the International Boundary to Sorel. Scale 4 miles to 1 inch. In press.

Topographical Map of the Eastern Townships (in four sheets), from St. Jérôme and Lake of Two Mountains, on the West, to New Hampshire and Maine Boundary, on the East, and from Latitude 45° N. to 47° 50' N. Scale 4 miles to 1 inch.

The above map is the geographical basis prepared by the Geological Survey for Maps Nos. 251, 375 and 571, and for one other geological sheet not yet printed. Two editions of it have been published, by permission of the Director, from transfers from the original plates, one by Walker & Miles in 1875, and the other by Dawson Bros., in 1883.

- 376.** +\*Walker & Miles edition. Price, \$1.00 per sheet.  
**377.** +\*Dawson Bros. edition. Out of print.  
**13.** \*Map of the Island of Anticosti. *Vide* page 11.  
**43.** Map showing distribution of the Devonian and Silurian Formations in part of Gaspé. *Vide* page 12.  
**44.** Topographical Map of the Magdalen River, Gaspé. *Vide* page 12.  
**401.** Map of a portion of Gaspé. *Vide* page 45.  
**49.** Map showing distribution of the Devonian and Silurian Formations in part of Gaspé. *Vide* page 13.  
**80.** \*Map showing distribution of Lower Silurian Rocks between the Chaudière and Trois Pistoles Rivers. *Vide* page 16.  
**57.** Map showing distribution of Limestone Conglomerates at Point Levis. *Vide* page 14.  
**45.** Map of vicinity of Lake St. John. *Vide* page 12.  
**287.** \*Asbestos district of Thetford and Coleraine. *Vide* page 31.  
**56.** \*Map of East side of Lake Champlain, in the vicinity of the International Boundary. *Vide* page 14.  
**12.** Map showing distribution of Crystalline Limestones between Grenville and Rawdon. *Vide* page 11.  
**47.** Map of the Counties of Argenteuil and Ottawa. *Vide* page 13.  
**54.** \*Map of parts of the Counties of Ottawa, Terrebonne, Argenteuil and Two Mountains. *Vide* page 13.  
**122.** \*Map of Ottawa County. *Vide* page 21.  
**228.** \*Map of Lake Mistassini. *Vide* page 28.

#### Ontario.

- 103.** \*Lanark County and parts of Renfrew and Leeds. *Vide* page 19.  
**91.** \*Plan of the Dalhousie Iron Mine. *Vide* page 17.  
**99.** \*Plan of North Burgess Phosphate District. *Vide* page 18.  
**88.** Township of Marmora. *Vide* page 16.  
**79.** \*Parts of the Counties of Peterborough, Hastings, Addington and Frontenac. *Vide* page 15.  
**374.** +\*Map of the Madoc and Marmora Mining District, part of Hastings County. Scale 40 chains to 1 inch. Price, 10c.  
**344.** Sketch Plan of Niagara Peninsula. *Vide* page 34.  
**345.** Sketch Plan of Essex County. *Vide* page 34.  
**346.** Sketch Map from Whitby, Ont., to Fredonia, N.Y. *Vide* page 34.  
**347.** Sketch Map of South-western Ontario. *Vide* page 34.  
**348.** Sketch Map from Port Colborne to Kincardine. *Vide* page 34.  
**349.** Sketch Map from Whitby to Courtright. *Vide* page 34.  
**14.** \*Index Plan of Maps Nos. 17 to 27 (incl.) *Vide* page 11.  
**15.** \*Index Plan of Maps Nos. 28 to 38 (incl.) *Vide* page 11.  
**17 to 38** (incl.) \*Maps showing the Explorations on the North Shore of Lake Huron and between Georgian Bay and the Ottawa River. *Vide* pages 11-12.



570. †\*Sheet No. 125—French River Sheet. In press.
343. \*Sheet No. 130—Sudbury Sheet. *Vide* page 34.
569. †\*Sheet No. 131—Nipissing Sheet. In press.
393. Plan of the Bruce Mines Location. *Vide* page 45.
394. Plan of part of the Bruce Mines. *Vide* page 45.
42. \*Map showing distribution of Huronian Limestone between Root River and Bruce Mines. *Vide* page 12.
48. Map showing distribution of Huronian Rocks between Rivers St. Mary and Mississagui. *Vide* page 13.
55. \*Map showing distribution of Huronian Rocks between Rivers Batchewahung and Mississagui. *Vide* page 14.
159. \*Map of the Basin of Moose River. *Vide* page 25.
160. \*Plan of Moose River near mouth. *Vide* page 25.
78. \*Topographical Map of Thunder Bay and Lake Nipigon Regions. *Vide* page 15.
285. \*Thunder Bay Mining Region. *Vide* page 31.
286. \*Silver Mountain Mining District. *Vide* page 31.
161. \*Lake of the Woods and adjacent Country. *Vide* page 25.
227. \*Western Ontario—Sheet 1—Northern part of Lake of the Woods. *Vide* page 28.
- 373.†\* “ “ — “ 2—Rainy River Sheet (Southern part of Lake of the Woods), part of Rainy River District. (See Part F., Vol. III, 1887-88.) Scale 2 miles to 1 inch. Price, 10c.
283. \*Western Ontario—Sheet 3—Rainy Lake Sheet. *Vide* page 31.
- 560.†\* “ “ — “ 6—Seine River Sheet. Preliminary Edition. Price 10c.
342. \* “ “ — “ 7—Hunter's Island Sheet. *Vide* page 34.

*Manitoba.*

129. \*Lake Winnipeg. *Vide* page 21.
282. \*Topographical Map of Duck and Riding Mountains. *Vide* page 31.
339. \*Geological Map of North-western Manitoba. *Vide* page 34.
340. \*Map showing Forest distribution in North-western Manitoba. *Vide* page 34.
341. Plan of Mossy Portage. *Vide* page 34.
314. Map of Glacial Lake Agassiz. *Vide* page 32.
316. Map of Beaches and Deltas of Glacial Lake Agassiz. *Vide* page 32.

*North-East and North-West Territories.*

554. Sketch Map of Labrador Peninsula. *Vide* page 35.
128. \*East Coast Hudson Bay. *Vide* page 21.
229. \*Ottawa Islands, Hudson Bay. *Vide* page 28.
361. Sketch Map of Vicinity of Red Lake. *Vide* page 35.
130. \*Nelson and Hayes Rivers. *Vide* page 21.
142. \*Island and God's Lakes. *Vide* page 22.
98. \*Saskatchewan River. *Vide* page 18.
225. \*Geological Map of Cypress Hills and Wood Mountain District. *Vide* page 27.
226. \*Map showing Wooded and Prairie Tracts of the Cypress Hills and Wood Mountain District. *Vide* page 27.
158. \*Index Map of Coal and Lignite Outcrops in the Bow and Belly Rivers District. (Southern Alberta.) *Vide* page 25.
171. \*Geological Map of the Bow and Belly Rivers District. (Southern Alberta.) *Vide* page 26.
172. \*Map showing Wooded and Prairie Tracts in the Bow and Belly Rivers District. (Southern Alberta.) *Vide* page 26.
249. \*Geological Map of Northern Alberta. *Vide* page 29.
250. \*Map showing Wooded and Prairie Tracts in Northern Alberta. *Vide* page 29.

224. \*Cascade Coal Basin. *Vide* page 27.  
 223. \*Reconnaissance Map of a portion of the Rocky Mountains. *Vide* page 27.  
 173. \*Athabasca River. *Vide* page 26.  
 336. \*Index Map of Country between the lower portions of the Peace and Athabasca Rivers. *Vide* page 34.  
 112. \*Forks of Peace and Smoky Rivers to Carlton House. *Vide* page 20.  
 150-152. \*Part of British Columbia and North-West Territory from the Pacific Ocean to Fort Edmonton. Sheets I, II and III. *Vide* page 24.  
 304. \*Index Map of Routes of the Yukon Expedition. *Vide* page 32.  
 305-313. \*Liard, Mackenzie and Yukon Rivers (9 sheets). *Vide* page 32.

*British Columbia.*

223. \*Reconnaissance Map of a portion of the Rocky Mountains. *Vide* page 27.  
 303. \*Reconnaissance Map of a portion of the West Kootanie District. *Vide* page 32.  
 127. \*Geological Map of the Southern Interior of British Columbia. *Vide* page 21.  
 363. †\*Portion of the Southern Interior of British Columbia. (Preliminary edition, not geologically coloured, 1887.) Scale 8 miles to 1 inch. Price, 10c.  
 556. \*Kamloops Sheet. Geological. *Vide* page 35.  
 557. \*Kamloops Sheet. Topographical, etc. *Vide* page 35.  
 120. \*Map of the Country between Fraser River and Coast Range. *Vide* page 21.  
 278. \*Cariboo Mining District. *Vide* page 31.  
 279. \*Island Mountain and Mosquito Creek. *Vide* page 31.  
 280. \*Hixon Creek Quartz Locations. *Vide* page 31.  
 281. \*Veins and Placer Mines of Hixon Creek. *Vide* page 31.  
 NOTE.—The following nine Maps and Section (Nos. 364 to 372) are supplied separately at 10c. each, or together in portfolio, price, 50c. :—  
 364. †\*Placer Mines and Quartz Locations in the vicinity of Williams Creek. Scale 10 chains to 1 inch. Price, 10c.  
 365. †\*Placer Mines and Quartz Veins in the vicinity of Lightning Creek. Scale 6 inches to 1 mile. Price, 10c.  
 366. †\*Placer Mines of Antler Creek. Scale 26 chains to 1 inch. “  
 367. †\*Quartz Veins and Placer Diggings in the vicinity of Grouse Creek. Scale 1,600 feet to inch. Price, 10c.  
 368. †\*Placer Mines of Cunningham Creek. Scale 3 inches to 1 mile. “  
 369. †\*Quartz Veins and Placer Mines of Little Snowshoe and Keithley Creeks. Scale 32 chains to 1 inch. Price, 10c.  
 370. †\*Veins and Placer Mines of Sugar, Hardscrabble, Slough, Nelson and Dragon Creeks and Willow River. Scale 32 chains to 1 inch. Price, 10c.  
 371. †\*Placer Mines of Harvey Creek. Scale 18 chains to 1 inch. “  
 372. †\*Section along Harvey Creek. Horizontal scale 4,000 feet to 1 inch, vertical scale 800 feet to 1 inch. Price, 10c.  
 111. \*Sketch Map from Quesnel Mouth to the Forks of the Peace and Smoky Rivers. *Vide* page 20.  
 150-152. \*Part of British Columbia and the North-west Territory from the Pacific Ocean to Fort Edmonton. Sheets I, II and III. *Vide* page 24.  
 567. \*Finlay and Omenica Rivers. *Vide* page 35.  
 274. \*Index Map of Yukon District. *Vide* page 31.  
 275-277. \*Stikine, Upper Liard, Frances and Yukon Rivers. (Sheets, I, II and III.) *Vide* page 31.  
 304. \*Index Map of Routes of the Yukon Expedition. *Vide* page 32.  
 87. Coal-fields of Nanaimo and Comox. *Vide* page 16.  
 90. \*Part of the Strait of Georgia and Vancouver Island. *Vide* page 17.  
 121. \*Coal-fields of Comox, Nanaimo and Cowichin on Vancouver and adjacent islands. *Vide* page 21.

- 247.** \*Northern part of Vancouver Island and adjacent coasts. *Vide* page 29.  
**139.** \*Queen Charlotte Islands. *Vide* page 22.  
**140.** \*Plans of Harbours, Queen Charlotte Islands. *Vide* page 22.  
**141.** \*Skidegate Inlet, Queen Charlotte Islands. *Vide* page 22.  
**435.** \*Map of part of Queen Charlotte Islands. *Vide* page 48.  
**149.** \*Map illustrating the distribution of some of the more important Trees in British Columbia. *Vide* page 24.  
**455.** \*Map showing the distribution of the Indian Tribes of British Columbia. *Vide* page 52.
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# PUBLICATIONS NOT INCLUDED IN THE REPORTS OF PROGRESS, ANNUAL REPORTS, AND SUMMARY REPORTS.

## GEOLOGY, MINERALOGY, ETC.

(Including reprints, etc.)

391. \*Remarks on the Mining Region of Lake Superior, addressed to the Committee of the Honourable the Executive Council ; and Report on Mining Locations claimed on the Canadian Shores of the Lake,—addressed to the Commissioner of Crown Lands. By W. E. Logan. Montreal, 1847, 8vo. pp. 31. Price, 20c.
392. \*Report on the North Shore of Lake Huron with Appendix on the Contents of Lodes. By W. E. Logan. Montreal, 1849. With Maps 393 and 394. 8vo. pp. 51. Out of print.
393. Plan of the location of the Bruce Mines, the property of the Montreal Mining Company. Scale 40 chains to 1 inch.
394. Plan of part of the Bruce Mines showing the Mineral Veins. Scale 2 chains to 1 inch.
395. \*Esquisse Géologique du Canada, pour servir à l'intelligence de la Carte Géologique et de la Collection des Minéraux économiques envoyés à l'Exposition Universelle de Paris, 1855. Par W. E. Logan et T. Sterry Hunt. Paris, 1855, 12mo. pp. 100. With Map No. 396. Out of print.
396. \*Coloured Geological Map of British North America. Accompanies Publication No. 395. Scale 150 miles to 1 inch. Out of print.
397. \*Esquisse Géologique sur le Canada, pour servir à l'intelligence de la Carte Géologique et à la Collection des Minéraux économiques envoyés à l'Exposition Universelle de Paris, 1855. Par W. E. Logan et T. Sterry Hunt. Paris, 1855. Large 8vo. pp. 31. (Reprint of pages 1 to 83 of No. 395, without Map). Price, 10c.
398. \*Descriptive Catalogue of a Collection of the Economic Minerals of Canada, and of its Crystalline Rocks, sent to the London International Exhibition for 1862. Montreal. Large 8vo. pp. 83. Price, 10c.
399. \*Notes on the Gold of Eastern Canada, being a reprint of portions of various Reports of the Geological Survey of Canada, from 1848 to 1863. Montreal, 1864. 8vo. pp. 40. Price, 25c.
400. \*Petroleum—Its Geological Relations considered with especial reference to its occurrence in Gaspé. Addressed to the Hon. Commissioner of Crown Lands. By T. Sterry Hunt. With Map No. 401. Quebec, 1865, 8vo. pp. 19. Out of print.
401. Geological Map of a portion of Gaspé. Accompanies Publication No. 400. Scale 4 miles to 1 inch.
402. \*Esquisse Géologique du Canada, suivie d'un Catalogue Descriptif de la Collection de Cartes et Coupes géologiques, Livres imprimés, Roches, Fossiles et Minéraux économiques envoyés à l'Exposition Universelle de 1867. Par T. Sterry Hunt. Paris, 1867, 8vo. pp. 72. Out of print.
403. \*Report on the Gold Region of the County of Hastings. Transmitted to the Hon. Commissioner of Crown Lands, January 29, 1867. By T. Sterry Hunt and A. Michel. Montreal, 1867. Large 8vo. pp. 11. Out of print.
404. \*Report on the Gold Region of Nova Scotia. By T. Sterry Hunt. Ottawa, 1868. Large 8vo. pp. 48. Price, 25c.
405. \*Descriptive Catalogue of a Collection of the Economic Minerals of Canada and Notes on a Stratigraphical Collection of Rocks. Philadelphia International Exhibition, 1876. Montreal, 1876. Large 8vo. pp. 152. Price, 10c.

- 406.** \*Exposition Universelle de 1878, à Paris. Catalogue des Minéraux, Roches et Fossiles du Canada, avec Notes descriptives et explicatives. Par B. J. Harrington. Londres, 1878, 8vo. pp. 134. Price, 25c.
- 407.** \*List of Exhibits in the Canadian Mineralogical Section at the Paris Universal Exhibition, 1878. Large 8vo. pp. 8. Out of print.
- 408.** \*Preliminary Note on the Geology of the Bow and Belly Rivers District, N.W. Territory, with special reference to the Coal Deposits. By George M. Dawson. With Map No. 158. Montreal, 1882. Large 8vo. pp. 19. *Vide* Part B, page 24. Price, 10c.
- 409.** \*Descriptive Catalogue of a Collection of the Economic Minerals of Canada. Colonial and Indian Exhibition, London, 1886. London, 1886. Large 8vo. pp. 172. Price, 10c.
- 410.** \*Descriptive Sketch of the Physical Geography and Geology of the Dominion of Canada. By Alfred R. C. Selwyn, and G. M. Dawson. With Map No. 411. Montreal, 1884. Large 8vo. pp. 55. Price, 30c.
- 411.** \*Map of the Dominion of Canada, Geologically coloured from Surveys made by the Geological Corps, 1842 to 1882, (2 sheets). Scale 45 miles to 1 inch. Companies Publication No. 410. Price, 20c.
- 412.** \*Catalogue of Section One of the Museum of the Geological Survey, embracing the Systematic Collection of Minerals, and the Collections of Economic Minerals and Rocks and Specimens illustrative of Structural Geology. By G. Christian Hoffmann. Ottawa, 1893. Large 8vo. pp. 256. Price, 10c.
- 413.** \*Catalogue of a Stratigraphical Collection of Canadian Rocks, prepared for the World's Columbian Exposition, Chicago, 1893. By Walter F. Ferrier. Ottawa, 1893. Large 8vo. pp. 128. Price, 10c.
- 414.** \*Mineral Production of Canada for 1886. Out of print.
- 415.\*** do do 1887.
- 416.\*** do do 1888.
- 417.\*** do do 1889.
- 418.\*** do do 1890.
- 419.\*** do do 1891.
- 420.\*** do do 1886 to 1891.
- 421.\*** do do 1892.
- 422.\*** do do 1893.
- 555.\*** do do 1894.

NOTE.—The above Summaries of Mineral Production are sent free of charge on application.

Canada—A Geographical, Agricultural and Mineralogical Sketch. By T. Sterry Hunt. Published by authority of the Bureau of Agriculture. Quebec, 1865. 8vo. pp. 33. Price, 25c.

Laurentian Limestones of North America. Reprinted with additions from the Report of the Geological Survey for 1863-66. By T. Sterry Hunt. (Report of the Regents of the University on the New York State Cabinet of Natural History for 1867. Appendix E.) Albany, 1871. 8vo. pp. 54. Price, 50c.

Report on the Geology of Newfoundland for 1865. By A. Murray. With a Prefatory Report and an Appendix by W. E. Logan. With a Map of Belvie Bay. Montreal, 1866. Large 8vo. pp. 46. Price, 10c.

Report on the Canadian Phosphates considered with reference to their Application to Agriculture. Part I. By G. Broome. (Reprinted from the Canadian Naturalist, Vol. V.) Montreal, 1870. 8vo. pp. 23. Price, 10c.

Report on the Tertiary Lignite Formation in the vicinity of the 49th Parallel. By George M. Dawson. (British North American Boundary Commission, 1873.) Montreal, 1874. Large 8vo. pp. 31. Price, 25c.

- Report on the Geology and Resources of the Region in the vicinity of the 49th Parallel, from the Lake of the Woods to the Rocky Mountains, with lists of Plants and Animals collected, and Notes on the Fossils. By George M. Dawson. With folding plate of Sections, General Geological Map of the Country in the vicinity of the 49th Parallel and Geological Map of the Lake of the Woods. Montreal, 1875. Large 8vo. pp. 387. Price, \$1.50.
- Report on the Climate and Agricultural Value, general Geological Features and Minerals of Economic Importance of part of the northern portion of British Columbia and of the Peace River Country. By George M. Dawson. (Reprinted from the Canadian Pacific Railway Report for 1880.) Large 8vo. pp. 25. Price, 10c.
- The Quebec Group in Geology, with an Introductory Address. By A. R. C. Selwyn. (Reprinted from Vol. I of the Transactions of the Royal Society of Canada, 1882.) 4to. pp. 14. Price, 10c.
- On the Geology of Lake Superior. By A. R. C. Selwyn. (Reprinted from Vol. I of the Transactions of the Royal Society of Canada, 1883.) 4to. pp. 6. Price, 10c.
- A History of New Brunswick Geology. By R. W. Ells. Montreal, 1887. 8vo. pp. 64. Price, 10c.
- On the Nickel and Copper Deposits of Sudbury, Ont. By A. E. Barlow. (Reprinted from Ottawa Naturalist, 1891.) 8vo. pp. 20. Price, 10c.

## PALÆONTOLOGY.

(Including reprints from scientific journals.)

- 423.** \*Decade 1—Descriptions of 28 species of Lower Silurian Fossils. By J. W. Salter. With 10 plates. Montreal, 1859. Large 8vo. pp. 47. Price, 50c.
- 424.** \*Decade 2—A Monograph of the Graptolitidæ of the Quebec Group. By James Hall. With 23 plates. Montreal, 1865. Large 8vo. (limited edition 4to.) pp. 151. Price, \$1.00.
- 425.** \*Decade 3—Monographs of Lower Silurian Cystidæ and Asteriadæ. By E. Billings. Description of the genus *Cyclocystoides*. By J. W. Salter and E. Billings. Monograph of the Palæozoic Bivalve *Entomostraca* of Canada. By T. Rupert Jones. With 11 plates. Montreal, 1858. Large 8vo. pp. 102. Price, 50c.
- 426.** \*Decade 4—Monograph of the Lower Silurian Crinoideæ. By E. Billings. With 10 plates. Montreal, 1859. Large 8vo. pp. 72. Price, 50c.
- NOTE.—“Descriptions of some new Genera and Species of the Silurian and Devonian Formations of Canada” was published in 1857. *Vide* Publication No. 41, page 12.
- 427.** \*Catalogues of the Silurian Fossils of the Island of Anticosti, with descriptions of some new Genera and Species. By E. Billings. Montreal, 1866. Large 8vo. pp. 93. Price, 50c.
- 428.** \*Fossil Plants of the Devonian and Upper Silurian Formations of Canada. By J. W. Dawson. With 20 plates. Montreal, 1871. Large 8vo. pp. 92. Price, 50c.
- 429.** \*Fossil Plants of the Erian (Devonian) and Upper Silurian Formations of Canada. By J. W. Dawson. With 4 plates. Montreal, 1882. Large 8vo. pp. 49. Forms Part II of the preceding. Price, 25c.
- 430.** \*Fossil Plants of the Lower Carboniferous and Millstone Grit Formations of Canada. By J. W. Dawson. With 10 plates. Montreal, 1873. Large 8vo. pp. 47. Price, 50c.
- 431.** \*Palæozoic Fossils—Vol. I, 1861-65—containing descriptions and figures of new or little known species of Organic Remains from the Silurian Rocks. By E. Billings. Montreal, 1865. Large 8vo. cloth and unbound, pp. 426. Price, \$2.00.
- NOTE.—Pages 1 to 344 were printed in four parts, between Nov., 1861, and Feb., 1865, under the title “New Species of Lower Silurian Fossils.” Large 8vo.



- 432.** \*Palæozoic Fossils—Vol. II, Part I. By E. Billings. With 10 plates. Montreal, 1874. Large 8vo. pp. 144. Price, 25c.
- 433.** \*Palæozoic Fossils—Vol. III, Part I. By J. F. Whiteaves. With 8 plates. Montreal, 1884. Large 8vo. pp. 43. Price, 25c.
- 564.** \*Palæozoic Fossils—Vol. III, Part II. By J. F. Whiteaves. With 9 plates. Ottawa, 1895. Large 8vo. pp. 84.
- (2.) Revision of the fauna of the Guelph Formation of Ontario, with descriptions of a few new species.
  - (3.) Systematic list, with references, of the Fossils of the Hudson River or Cincinnati Formation at Stony Mountain, Manitoba. Price, 25c.
- 434.** \*Mesozoic Fossils—Vol. I, Part I—On some Invertebrates from the Coal-bearing Rocks of the Queen Charlotte Islands, collected by Mr. J. Richardson in 1872. By J. F. Whiteaves. With 10 plates and Map No. 435. Montreal, 1876. Large 8vo. pp. 92. Price, 25c.
- 435.** \*Map showing the localities of Fossils, collected by J. Richardson in 1872, from the Queen Charlotte Islands. Accompanies Publication No. 434. Scale 1 nautical mile to 1 inch. Price, 10c.
- 436.** \*Mesozoic Fossils—Vol. I, Part II—On the Fossils of the Cretaceous Rocks of Vancouver and adjacent Islands in the Strait of Georgia. By J. F. Whiteaves. With 10 plates. Montreal, 1879. Large 8vo. pp. 98. Price, 25c.
- 437.** \*Mesozoic Fossils—Vol. I, Part III—On the Fossils of the Coal-bearing deposits of the Queen Charlotte Islands, collected by Dr. G. M. Dawson in 1878. By J. F. Whiteaves. With 12 plates. Montreal, 1884. Large 8vo. pp. 72. Price, 25c.
- 438.** \*Contributions to the Micro-Palæontology of the Cambro-Silurian Rocks of Canada. Vol. I, Part I. By Arthur H. Foord. With 7 plates. Ottawa, 1883. Large 8vo. pp. 26.
- (1.) On the Monticuliporidæ of the Chazy, Black River and Trenton Formations, with descriptions of ten new species.
  - (2.) On some previously unrecorded species of Ptilodictya, Stictopora and Arthonema from the Trenton Formation.
  - (3.) On two species of Tetradium from the Trenton and Hudson River Formations. Price, 20c.
- 439.** \*Contributions to the Micro-Palæontology of the Cambro-Silurian Rocks of Canada. Vol. I. Part II. By E. O. Ulrich. With 2 plates. Montreal, 1889. Large 8vo. pp. 31.
- (4.) On some Polyzoa (Bryozoa) and Ostracoda from the Cambro-Silurian Rocks of Manitoba. Price, 20c.
- 440.** \*Contributions to Canadian Micro-Palæontology, Vol. I. Part III. By T. Rupert Jones. With 4 plates. Montreal, 1891. Large 8vo. pp. 41.
- (5.) On Some Ostracoda from the Cambro-Silurian, Silurian and Devonian Rocks. Price, 20c.
- 441.** \*Contributions to Canadian Micro-Palæontology, Vol. I. Part IV. By D. Rüst. With 3 plates. Ottawa, 1892. Large 8vo. pp. 10.
- (6.) Radiolaria from the Pierre Formation of North-western Manitoba. Price, 10c.
- 442.** \*Contributions to Canadian Palæontology. Vol. I. Part I. By J. F. Whiteaves. With 11 plates. Montreal, 1885. Large 8vo. pp. 89.
- (1.) On the Invertebrata of the Laramie and Cretaceous Rocks of the vicinity of the Bow and Belly Rivers and adjacent localities in the North-West Territory. Price, 25c.
- 443.** \*Contributions to Canadian Palæontology. Vol. I. Part II. By J. F. Whiteaves. With 15 plates. Montreal, 1889. Large 8vo. pp. 106.

- (2.) On some Fossils from the Hamilton Formation of Ontario, with a list of the Species at present known from that Formation and Province.
- (3.) The Fossils of the Triassic Rocks of British Columbia.
- (4.) On some Cretaceous Fossils from British Columbia, the North-West Territory and Manitoba. Out of print.
- 444.** \*Contributions to Canadian Palæontology. Vol. I. Part III. By J. F. Whiteaves. With 6 plates. Montreal, 1891. Large 8vo. pp. 57.
- (5.) The Fossils of the Devonian rocks of the Mackenzie River basin. Price, 25c.
- 445.** \*Contributions to Canadian Palæontology. Vol. I. Part IV. By J. F. Whiteaves. With 15 plates. Ottawa, 1892. Large 8vo. pp. 105.
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